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GENERAL BULLETIN NO. 458

# FEEDING STUFFS REPORT

## 1927

JAMES W. KELLOGG,  
Director—Chief Chemist

BUREAU OF FOODS AND CHEMISTRY



C. G. JORDAN, *Secretary of Agriculture*

Published monthly by direction of the Secretary. Entered as second class matter, March 22, 1918, at the Post Office at Harrisburg, Pa., under the Act of June 6, 1900. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized on June 29, 1918.

# PENNSYLVANIA DEPARTMENT OF AGRICULTURE

C. G. JORDAN, *Secretary of Agriculture*

R. G. BRESSLER, *Deputy Secretary*

This Department is essentially a service agency created by legislative enactment to deal with administrative, regulatory, investigational, and educational problems which can best be solved through public rather than individual action. The organization provides for coordination and cooperation with the Pennsylvania State College and the U. S. Department of Agriculture. The Department operates through the following bureaus:

## ANIMAL INDUSTRY:

T. E. MUNCE, *Director and State Veterinarian*

Prevents and eradicates transmissible diseases of animals and poultry, including tuberculosis of animals in cooperation with Federal Government.

Demonstrates to veterinarians control methods for transmissible animal diseases;

Supervises vaccination for and the prevention of hog cholera, anthrax, black leg and hemorrhagic septicemia;

Protects public from unwholesome meats through ante and post mortem examinations of animals at slaughtering establishments;

Inspects, licenses and furnishes information as to breeding, soundness and conformation of stallions and jacks standing for public service;

Enforces law requiring licensing of dogs and providing for protection of livestock and people from attacks of uncontrolled dogs;

Maintains laboratory for diagnostic research and experimental projects.

## PLANT INDUSTRY:

R. H. BELL, *Director*

Tests agricultural seeds for purity and germination, and enforces State Seed Law;

Inspects orchards, parks, farms, and plant imports for injurious insects and plant diseases;

Inspects and licenses Pennsylvania nurseries, and licenses all dealers in nursery stock;

Enforces laws governing apicultural practices, disease control and housing;

Places and enforces quarantines and carries on eradication campaigns against insect pests and plant diseases;

Inspects and certifies potatoes for seed purposes;

Makes investigations for the control of injurious insects and plant diseases including field tests of insecticides, fungicides and weed killers;

Maintains collections of insects, plant diseases, plants, and seeds, and identifies specimens.

## FOODS AND CHEMISTRY:

JAMES W. KELLOGG, *Director—Chief Chemist*

Accomplishes its purpose of protecting Pennsylvania homes against harmful foodstuffs by sampling, analyzing, and bringing prosecution under the laws relating to foods and non-alcoholic drinks, including milk, cream, butter, ice-cream, eggs, sausage, fresh meats, soft drinks, fruit syrups, vinegar and kindred food products;

Regulates and issues licenses for the manufacture and sale of oleomargarine;

Licenses and regulates egg-opening plants and cold storage warehouses, maintaining regular inspection and enforcing twelve-month storage limit;

Inspects milk plants and creameries and regulates weighing, testing, buying and selling of milk and cream on a butterfat basis;

Protects honest manufacturers, importers, selling agents and ultimate users of feeding stuffs, fertilizers, lime products, linseed oil, paint, putty, turpentine, insecticides and fungicides, by means of annual registrations followed by inspections, analyses, prosecutions and the publication of the analyses of these products;

Analyzes special samples for residents of the State at the rate of \$1.00 a sample for feeding stuffs, lime products and linseed oils.

## MARKETS:

GEO. A. STUART, *Acting Director*

Investigates and assists in the marketing of farm products; at present chiefly grain and hay, fruits and vegetables, poultry and eggs, and tobacco;

Compiles and distributes daily market information as to supplies, shipments and prices;

Advises growers on transportation of agricultural products;

Assists cooperative associations and public markets;

Establishes standard grades of farm products and maintains inspection.

## STATISTICS:

L. H. WIBLE, *Director*

Assembles and disseminates essential statistics and facts pertaining to the agriculture of the State, from monthly reports rendered by hundreds of volunteer crop correspondents, information which assists the producer in his sales and interests all industries which deal with agricultural products;

Cooperates with U. S. Bureau of Agricultural Economics in joint crop and livestock reporting and publishes annual and monthly summaries of the data;

Compiles dates of county and local fairs and assembles data pertaining to their success and results during each year.

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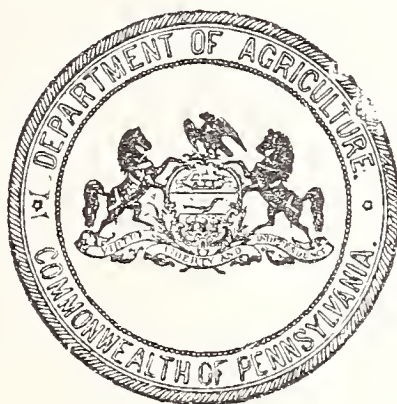
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# LETTER OF TRANSMITTAL

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## PENNSYLVANIA DEPARTMENT OF AGRICULTURE

Bureau of Foods and Chemistry

Harrisburg, March 16, 1928

Hon. C. G. Jordan,  
Secretary of Agriculture,  
Harrisburg, Pa.

Dear Sir:—I have the honor to transmit herewith for your approval an annual report, showing the results of chemical and microscopical analyses of the official samples of Feeding Stuffs selected from sales agencies throughout the Commonwealth by Special Agents of the Bureau during 1927, as provided by the Feeding Stuffs Law, Act of May 3, 1909, as amended May 11, 1921, and March 19, 1923.

It is recommended that this report be published in bulletin form for distribution.

Very respectfully,

JAMES W. KELLOGG,  
*Director-Chief Chemist*



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# FEEDING STUFFS REPORT

## 1927

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### INTRODUCTION

The Feeding Stuffs Law, Act of May 3, 1909, as amended, requires all Commercial Feeding Stuffs to be registered for each calendar year and before being offered for sale; all sacks or attached cards to be printed with brand or trade names, names of manufacturers or importers, guarantees for protein, fat and fiber and statements of composition or names of ingredients; prohibits misbranding and adulteration and provides for enforcement by means of inspections, collection and analyses of official samples and the publication of results of analyses for the information of the public. Provision is also made for the analysis of special samples for residents of Pennsylvania. Feeding Stuffs are defined to include all by-product materials, mixed feeds and mineral mixtures used for feeding domestic animals and poultry.

During 1927 Special Agents of the Bureau collected from sales agencies throughout the Commonwealth 1119 official samples of Feeding Stuffs, which, together with reports covering each sample, showing the information printed upon sacks or attached cards and other relevant data, were submitted for analyses. Of the total number received 973 represented registered brands and materials covered by the law and were accordingly analyzed chemically and subjected to microscopical examinations for the purpose of ascertaining the correctness of guarantees, the presence of adulterants or prohibited materials and misbranding. There were also 742 special samples received and analyzed, which, together with the official samples, made a total of 1861 samples of Feeding Stuffs analyzed during the year.

The official samples analyzed included 656 different kinds and brands registered by 247 manufacturing and importing firms and included the following principal classes and samples:

Classes	Samples
Oil Cake Products, .....	84
Distillery and Brewery By-Products, .....	2
Maize By-Products, .....	25
Wheat Offals, .....	198
Rye Offals, .....	1
Wheat and Rye Offals, .....	1
Oat By-Products, .....	5
Alfalfa Meal, .....	8
Dried Beet Pulp, .....	5
Proprietary Dairy Feed, .....	156
Proprietary Stock, Horse and Mule Feed, .....	71
Proprietary Calf Meal, .....	10
Proprietary Swine Feed, .....	24
Proprietary and Miscellaneous Chop Feed, .....	71
Miscellaneous Feed, .....	15
Proprietary Poultry Scratch Feed, .....	95
Proprietary Poultry Mash Feed, .....	166
Animal By-Products, .....	36
Total, .....	973

The special samples received from residents of Pennsylvania were promptly analyzed and reports mailed to the senders and the fees of \$1.00 received in payment for each sample, which amounted to \$742, were paid to the State Treasurer, as required. As the results obtained were for private information for use in arriving at proper guarantees and for adjustments of claims, they were not included in this report.

The registration for 1927 sales included 3712 kinds and brands for which 1320 licenses were issued to 1081 manufacturing and importing companies. The fees of \$25.00, required to be paid for each kind and brand of mixed and by-product feed and \$6.00 for each kind of Pure Wheat, Rye and Buckwheat By-Product Mill Feeds, Corn and Oats Chop and Corn Meal, which were received, were promptly paid to the State Treasurer, as required.

## CONCLUSIONS

There were 925 of the 973 official samples which represented guaranteed shipments and the results of analyses of these, compared with guarantees, show that 68, or 7.4 per cent., failed to meet their guarantees to the extent of 1 per cent. or more in protein and .50 per cent. or more in fat. This proportion of deficiencies was practically the same as reported for 1926 and 1925 inspections and also

less than those noted for several preceding years, showing that the variations from guarantees have been low and normal. There were 29, or 3.1 per cent., of the samples deficient in protein alone, 35, or 3.8 per cent., deficient in fat alone and only 4 samples in which both protein and fat were less than claimed. The largest proportion of deficiencies were found in the Proprietary Dairy Feeds and Chop Feeds.

In order to ascertain whether or not the by-product feeds were properly branded or carried correct statements of composition and the mixed feeds contained the ingredients claimed, each sample was examined microscopically as to character, composition and for the presence of foreign or prohibited materials. About one-third of the total number of samples were of the classes of by-product Feeding Stuffs and the results of examinations of these feeds in nearly every case show that they were correctly branded and "as certified" with respect to their claimed compositions.

Somewhat less than two-thirds of the total number of mixed feeds analyzed, or 553, were Proprietary Mixed Feeds. The results of microscopical examination of these mixtures showed that 412, or 74.5 per cent., were found to be "as certified." This proportion of variations from statements of composition is slightly lower than reported for 1926 inspection, however, as a rule, the variations were minor in character.

In the case of the 156 Dairy Feeds 85.9 per cent. were found upon microscopical examination to be "as certified." The variations included the absence of a few claimed ingredients such as Linseed Oil Meal, Corn Meal and Salt and the presence of additional ingredients, including Brewers' Grains, Malt Sprouts and small amounts of whole weed seeds. In a few cases the compositions were not given.

There were 71 Stock, Horse and Mule Feed mixtures, of which 83.1 per cent. were found to be "as certified." The failures to meet claims made included cases where one ingredient was absent and additional ingredients found present, a few cases where Salt was claimed and not detected and another where the composition was not shown as required.

Of the 10 Calf Meal samples all but 2 were "as certified."

There were 25 mixtures classified as Swine Feed and only 54.2 per cent. of these were "as certified." The variations in these mixtures included Meat Meal identified as Tankage, the presence of additional ingredients such as Gluten Feed, small amounts of weed seeds and traces of Hoof Meal and the absence of a few claimed ingredients.

There were 95 samples of Scratch Feed mixtures of which 71.6 per cent., were found, upon examination, to have compositions "as certified." The variations in this class consisted largely of the absence

of certain claimed ingredients such as Sunflower Seed and the presence of additional ingredients such as Kaffir Corn, Oats, Barley, Wheat and small amounts of whole weed seeds.

In the Poultry Mash Feeds it was found that 72.3 per cent. of the 166 samples examined had compositions to be "as certified." The variations noted were largely the inclusion of additional ingredients such as Cocoanut Oil Meal, Cottonseed Meal, Bone, Barley, Wheat Bran, Corn, Gluten Feed and small amounts of Ground Screenings, the absence of a few ingredients and a few cases where Meat Meal was identified as being Tankage.

In the Animal By-Products class there were only a few variations noted, one sample, however, Berg's 3 Medal Poultry Meat and Bone Scrap, being adulterated with Cottonseed Hulls, Cacao Shell Meal, Tankage and Hoof Meal.

Judging from the low proportion of deficiencies in protein and fat and the high percentage of mixed feeds, which, upon microscopical examinations, were found to be "as certified," it may be fairly reported that the general class of Feeding Stuff, as represented by the samples examined, were well up to the standards and show a tendency to decrease in the failure to meet guarantees compared with the previous years' inspections. There appeared to be, with very few exceptions, no intentional attempts to misrepresent or improperly guarantee these feeds.

The retail selling prices reported for the several classes of Feeding Stuff show averages lower than those reported for the 1926 inspection in the case of Cottonseed Meal, Linseed Oil Meal, Corn Gluten Feed, Wheat Flour Middlings and Proprietary Dairy Feeds, to cite only those classes where a larger proportion of samples were included in the averages. In a similar manner the following classes of feeds may be reported as showing higher average retail values for 1927, Hominy Feed, Proprietary Stock, Horse and Mule Feeds, Swine Feeds, Mash Feeds, and Meat and Bone Scrap. These average retail values for each class of feed will be found in Table II.

In Table I will be found a Classification of Samples Analyzed and a Summary of Deficiencies; in Table II, Average Analyses and Retail Prices and in Table III, which forms the larger proportion of the report, will be found the Results of Chemical Analyses and Microscopical Examinations in detail for each official sample received, together with brand and trade names, names and addresses of manufacturers, importers and selling agents according to classification shown in Table I.

## ACKNOWLEDGMENTS

Mr. V. B. Hausknecht, First Assistant Chemist, in charge of the Chemical Laboratory, had immediate supervision of the analytical and clerical work and Mr. H. E. Gensler, Assistant Chemist and Micro-Analyst, had charge of the reception of all official samples, made duplicate analyses and check determinations where required and examined each sample microscopically. The reception and approval of Feeding Stuffs registrations was in charge of W. E. Huber, Bureau Secretary. The following Assistant Chemists took part in the analytical work: Messrs. G. J. Kuhlman, Jr., Claude R. Engle, Harold Y. Fisher, Harry C. Stup and Mooredeen Plough. The samples were prepared for analysis by Myrle W. Copeland, Laboratory Assistant.

TABLE I—CLASSIFICATION OF SAMPLES ANALYZED AND SUMMARY OF DEFICIENCIES

Name of Feeding Stuffs	Number of samples analyzed	Number of samples guaranteed	Deficient in protein and fat	Deficient in protein alone	Deficient in fat alone
Cottonseed Meal	55	55		3	
Cottonseed Feed	1	1			
Linseed Oil Meal, O. P.	28	28		2	
Brewers' Dried Grains	1	1			
Malt Sprouts	1	1			
Corn Gluten Meal	2	2			
Corn Gluten Feed	17	16			
Hominy Feed	4	4			1
Corn Feed Meal	2	2			
Wheat Bran	92	78		1	
Mixed Feed—Wheat By-Products	9	7			
Wheat Standard Middlings	18	13			
Wheat Flour Middlings	23	21			2
Gray Shorts	3	3			
White Shorts	33	26	1	4	4
Low Grade Flour	16	13			
Miscellaneous (Wheat By-Products)	4	4			
Rye Middlings	1	1			
Wheat and Rye Offals	1	1			
Oat Feed	4	4			
Oat Groats	1	1			
Alfalfa Meal	8	8		1	
Dried Beet Pulp	5	5			
Proprietary Dairy Feed	156	156	1	8	6
Proprietary Stock, Horse and Mule Feed	71	71		3	1
Proprietary Calf Meal	10	10			1
Proprietary Swine Feed	24	24			2
Proprietary and Miscellaneous Chop Feed	71	55	1		11
Miscellaneous Feed	15	13			1
Proprietary Poultry Feed:					
Scratch Feed	95	94		1	2
Mash Feed	166	166	1	3	4
Animal By-Products:					
Meat and Bone Scrap	29	29		2	
Tankage	5	5		1	
Poultry Bone	2	2			
	973	925	4	29	35

TABLE II—AVERAGE ANALYSES AND RETAIL PRICES

Name of Feeding Stuffs	Number of samples analyzed	Protein	Fat	Fiber	Price per ton
		%	%	%	\$
Cottonseed Meal, -----	55	42.61	7.40	9.24	48.10
Cottonseed Feed, -----	1	41.00	6.10	11.55	40.00
Linseed Oil Meal, O. P. -----	28	34.67	6.50	8.02	58.67
Brewers' Dried Grains, -----	1	22.69	5.48	13.87	46.00
Malt Sprouts, -----	1	28.88	1.39	11.68	40.00
Corn Gluten Meal, -----	2	43.54	3.91	2.85	58.00
Corn Gluten Feed, -----	17	25.82	2.55	7.35	44.65
Hominy Feed, -----	4	11.16	6.02	4.09	42.50
Corn Feed Meal, -----	2	9.94	5.08	3.61	42.50
Wheat Bran, -----	92	16.51	4.77	8.76	40.29
Mixed Feed—Wheat By-Products, -----	9	16.45	4.61	6.60	42.34
Wheat Standard Middlings, -----	18	17.34	5.17	7.71	42.81
Wheat Flour Middlings, -----	23	17.29	4.92	5.84	46.00
Gray Shorts, -----	3	16.38	4.71	5.64	44.00
White Shorts, -----	33	15.52	3.97	3.52	45.41
Low Grade Flour, -----	16	16.92	3.93	2.17	49.03
Miscellaneous (Wheat By-Products), -----	4	18.75	5.55	6.07	43.67
Rye Middlings, -----	1	15.25	2.92	4.03	34.00
Wheat and Rye Offals, -----	1	15.44	3.85	4.46	42.00
Oat Feed, -----	4	10.07	3.73	20.55	29.75
Oat Groats, -----	1	14.50	5.01	3.59	65.00
Alfalfa Meal, -----	8	14.89	1.77	29.27	49.63
Dried Beet Pulp, -----	5	9.28	1.01	20.19	42.40
Proprietary Dairy Feed, -----	156	24.02	4.86	9.09	49.12
Proprietary Stock, Horse and Mule Feed, -----	71	9.29	3.00	10.19	43.00
Proprietary Calf Meal, -----	10	23.65	5.55	4.23	78.80
Proprietary Swine Feed, -----	24	19.41	4.89	6.67	57.84
Proprietary Poultry Feed:					
Scratch Feed, -----	95	10.78	3.24	2.47	58.48
Mash Feed, -----	166	19.20	5.02	5.76	70.81
Animal By-Products:					
Meat and Bone Scraps, -----	20	50.32	12.16	2.09	86.08
Tankage, -----	5	59.06	8.44	2.20	79.40
Poultry Bone, -----	2	25.65	2.62	4.66	82.50

## KEY TO TABLES SHOWING ANALYSES OF OFFICIAL SAMPLES

Each sample received was analyzed for moisture, protein, fat and fiber and examined microscopically in order to determine the correctness of guarantees and lists of ingredients and for the purpose of detecting the presence of inferior or prohibited materials. The results of chemical and microscopical examinations are included in Table III, according to classification shown in Table I. Where 2 or more samples of the same class or kind are included the results of analyses and retail selling values were averaged. The brand names, names and addresses of Manufacturers, Importers and Selling Agents are shown in alphabetical order under each classification. In addition to the results of analyses the guarantees found printed upon sacks, attached cards or upon cards attached to bins where

bulk sales were made, together with guaranteed compositions, are also shown. In those cases where the protein was found to be 1 per cent or more below and the fat .50 per cent, or more below the guarantees, they were considered deficient. Each sample was given a number, which are shown in the first and last columns.

The several classes of Feeding Stuff's will be found in Table III under the following general headings and sub-headings:

**OIL CAKE PRODUCTS** including Cottonseed Meal, Cottonseed Feed and Old Process Linseed Oil Meal.

**DISTILLERY AND BREWERY BY-PRODUCTS** including Brewers' Dried Grains and Malt Sprouts.

**MAIZE BY-PRODUCTS** including Corn Gluten Meal, Corn Gluten Feed, Hominy Feed and Corn Feed Meal.

**WHEAT OFFALS** (with and without Ground Grain Screenings) including Wheat Bran, Wheat Mixed Feed:—Wheat By-Products, Standard Middlings, Flour Middlings, Gray Shorts, White Shorts and Low Grade Flour.

**RYE OFFALS** including Rye Middlings.

**WHEAT AND RYE OFFALS** including Wheat and Rye Middlings.

**OAT BY-PRODUCTS** including Oat Feed and Oat Groats.

**ALFALFA MEAL.**

**DRIED BEET PULP.**

**MIXED FEEDS: PROPRIETARY AND MISCELLANEOUS** including Proprietary Dairy Feed, Proprietary Stock, Horse and Mule Feed, Proprietary Calf Meal, Proprietary Swine Feed, Proprietary and Miscellaneous Chop Feed, Miscellaneous Feed and Proprietary Poultry Scratch Feed and Mash Feed.

**ANIMAL BY-PRODUCTS** including Meat and Bone Scrap, Tankage and Poultry Bone.

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
OIL CAKE PRODUCTS					
COTTONSEED MEAL					
	ASHCRAFT-WILKINSON COMPANY, ATLANTA, GA.		%	%	%
4976	Helmet Brand Prime, -----	W. B. Barnitz, Carlisle,	3.85	43.13	41.00
5126	Helmet Brand Prime, -----	Dayton Milling Co., Towanda,	5.13	42.06	41.00
5810	Helmet Brand Prime, -----	Dayton Milling Co., Dayton	8.16	41.38	41.00
5661	Helmet Brand Prime, -----	Farmers Exchange, Clear- field,	6.84	41.69	41.00
5826	Helmet Brand Prime, -----	F. S. Wertz & Son, Reading	6.95	41.81	41.00
4884	Helmet Brand Prime, -----	The White Milling Company- Bloomsburg,	6.06	42.19	41.00
5585	Monarch Brand Prime, -----	Canonsburg Milling Com- Canonsburg,	5.75	42.94	43.00
5216	Monarch Brand Prime, -----	Gates Granary, Kittanning	3.71	43.63	43.00
5022	Monarch Brand Prime, -----	L. M. Lewis, Indiana,	6.35	43.44	43.00
	THE BUCKEYE COTTON OIL COM- PANY, CINCINNATI, OHIO.				
5829	Buckeye Prime, -----	Sherman Milling Company, Meadville,	7.63	40.75	41.00
5409	S. P. DAVIS, LITTLE ROCK, ARK. Goodluck Brand, -----	C. E. Bates, Honesdale,	5.83	42.56	41.00
5721	Goodluck Brand, -----	The Hex Milling Company, Shamokin,	8.13	42.38	41.00
5078	Goodluck Brand, -----	Knoxville Mills, Knoxville,	6.25	40.31	41.00
4899	Goodluck Brand, -----	C. J. Miller, Calcium,	6.81	43.38	41.00
5173	Steerboy Brand, -----	Blank & Gottshall Co., Inc., Sunbury,	5.06	41.88	43.00
5001	Steerboy Brand, -----	A. S. Bowser, Kittanning,	6.43	43.88	43.00
5734	Steerboy Brand, -----	Hefty Milling Co., Watson- town,	8.70	41.13	43.00
4846	Steerboy Brand, -----	W. W. Kalb, Sunbury,	5.71	43.75	43.00
5517	Steerboy Brand, -----	The Mahoning Valley Mill- ing Co., Punxsutawney,	6.87	42.44	43.00
5894	Steerboy Brand, -----	Swope Brothers, Johnstown	7.69	42.44	43.00
	C. R. GARNER & COMPANY, AMARILLO, TEXAS.				
5256	Texama Brand Prime Cottonseed Cake and Meal, -----	Groh Brothers, Etna,	6.68	44.81	43.00
4868	Texarcana Brand, -----	C. Y. Wagner, Bellefonte	4.67	43.00	43.00
	HUMPHREYS-GODWIN COMPANY, MEMPHIS, TENN.				
4956	Bull Brand, -----	Cooperative Grange Milling Co., Titusville,	6.28	43.69	43.00
4916	Bull Brand, -----	Edwards Brothers, Byer,	6.93	43.25	43.00
5805	Bull Brand, -----	Hamilton & Alters, Par- nassus,	8.91	43.31	43.00
5699	Bull Brand, -----	M. J. Kane, Montrose,	7.62	42.25	43.00
5555	Bull Brand, -----	Nickle Plate Flour Mills, Wesleyville,	6.86	44.19	43.00
5172	Dixie Brand, -----	Blank & Gottshall Co., Inc., Sunbury,	6.64	40.13	41.12
5120	Dixie Brand, -----	Dayton Milling Co., To- wanda,	5.31	41.38	41.12
5396	Dixie Brand, -----	Honesdale Milling Co., Honesdale,	4.95	42.13	41.12

## FEEDING STUFFS COLLECTED IN 1927

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
7.61	6.00	9.93	10.00	-----	Made from upland cottonseed.	As certified, -----	4976
8.01	6.00	9.76	10.00	38.00	Made from upland cottonseed.	As certified, -----	5126
8.07	6.00	9.73	10.00	2.25	Made from upland cottonseed.	As certified, -----	5810
6.53	6.00	8.61	10.00	3.00	Made from upland cottonseed.	As certified, -----	5661
6.50	6.00	9.43	10.00	51.00	Made from upland cottonseed.	As certified, -----	5826
6.96	6.00	8.11	10.00	2.50	Made from upland cottonseed.	As certified, -----	4881
8.28	6.00	9.37	10.00	47.00	Made from upland cottonseed.	As certified, -----	5585
7.26	6.00	9.61	10.00	2.25	Made from upland cottonseed.	As certified, -----	5216
7.24	6.00	8.90	10.00	2.50	Made from upland cottonseed.	As certified, -----	5022
6.17	6.50	10.08	10.00	2.60	-----	Cottonseed meal, ----	5829
6.71	6.00	9.13	10.00	50.00	Made * from decorticated cottonseed.	As certified, -----	5409
7.36	6.00	10.17	10.00	2.70	Made from decorticated cottonseed.	As certified, -----	5721
6.94	6.00	9.95	10.00	44.00	Made from decorticated cottonseed.	As certified, -----	5078
6.72	6.00	10.34	10.00	2.40	Made from decorticated cottonseed.	As certified, -----	4899
6.60	6.00	9.80	10.00	2.40	Made from decorticated cottonseed.	As certified, -----	5173
7.53	6.00	9.26	10.00	1.90	Made from decorticated cottonseed.	As certified, -----	5001
8.05	6.00	8.24	10.00	2.35	Made from decorticated cottonseed.	As certified, -----	5734
6.96	6.00	7.15	10.00	2.25	Made from decorticated cottonseed.	As certified, -----	4846
7.28	6.00	8.94	10.00	2.50	Made from decorticated cottonseed.	As certified, -----	5517
7.35	6.00	8.76	10.00	52.00	Made from decorticated cottonseed.	As certified, -----	5894
7.67	5.00	7.36	10.00	42.00	Prime Cottonseed cake and meal.	As certified, -----	5256
7.62	5.00	9.62	10.00	2.25	-----	Cottonseed meal, ----	4868
7.13	5.00	7.45	10.00	44.00	Made from pressed cottonseed	As certified, -----	4956
7.20	5.00	9.74	10.00	2.50	Made from pressed cottonseed	As certified, -----	4916
7.49	5.00	8.62	10.00	3.50	Made from pressed cottonseed	As certified, -----	5805
6.56	5.00	9.69	10.00	52.00	Made from pressed cottonseed	As certified, -----	5699
7.68	5.00	9.12	10.00	44.00	Made from pressed cottonseed	As certified, -----	5555
5.90	5.00	11.29	10.00	2.30	Made from pressed cottonseed	As certified, -----	5172
7.03	5.00	10.66	10.00	46.00	Made from pressed cottonseed	As certified, -----	5120
6.52	5.00	9.55	10.00	44.00	Made from pressed cottonseed	As certified, -----	5396

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	THE LARROWE MILLING CO., DETROIT, MICH.		%	%	%
5473	Larrowe Brand Choice, -----	Boyer Feed Co., Beaver Springs,	6.13	42.38	43.00
5193	Larrowe Brand Choice, -----	Emporium Milling Co., Emporium,	5.83	43.94	43.00
5795	Larrowe Brand Choice, -----	Smith & Zahniser, Freeport	7.87	43.19	43.00
	L. B. LOVITT & CO., MEMPHIS, TENN.				
4944	Lovit Brand 41%, -----	Ash Brothers, Briar Creek,	4.38	42.00	41.00
5740	Lovit Brand 41%, -----	Ash Brothers, Briar Creek,	8.45	40.38	41.00
4842	Lovit Brand 41%, -----	E. Datesman & Son, Milton,	7.70	41.31	41.00
4964	Lovit Brand 41%, -----	M. C. Deitz & Sons, Mechanicsburg,	6.10	41.81	41.00
5202	Lovit Brand 41%, -----	Stembler Brothers, East Mauch Chunk,	3.47	42.31	41.00
5530	Lovit Brand 41%, -----	M. S. Thomas Company, Salladasburg,	6.85	40.94	41.00
5954	Lovit Brand 43%, -----	Clyde D. Duffee, Oil City,	9.04	43.56	43.00
5047	Lovit Brand 43%, -----	F. E. Farabaugh, Patton,	6.14	43.56	43.00
5507	Lovit Brand 43%, -----	Kline Flour Mills Co., Brookville,	6.31	43.50	43.00
5754	Lovit Brand 43%, -----	John A. Roush, Northumberland,	5.08	43.44	43.00
	MARIANNA SALES CO., MEMPHIS, TENN.				
5081	White Mule Brand Prime 41%, -----	Deerfield Mill, Knoxville,	6.93	41.25	41.00
5724	White Mule Brand Prime 43%, -----	W. E. Custer, Milton,	8.69	42.56	43.00
5454	White Mule Brand Prime 43%, -----	Jacob & Keller Company, St. Marys,	5.88	44.75	43.00
5092	White Mule Brand Prime 43%, -----	Marion Center Milling Co., Marion Center,	7.90	44.19	43.00
5884	White Mule Brand Prime 43%, -----	H. J. Mulanney & Son, DuBois,	7.92	41.75	43.00
5437	White Mule Brand Prime 43%, -----	Titusville City Mills, Titusville,	6.22	43.51	43.00
	R. N. NEAL & CO., MEMPHIS, TENN.				
4915	Triangle Brand 41%, -----	Edwards Brothers, Byer,	7.18	41.25	41.00
5171	Triangle Brand 43%, -----	Blank & Gottshall Co., Inc., Sunbury,	5.19	44.19	43.00
5488	Triangle Brand 43%, -----	The Millinburg Farmers Exchange, Inc., Millinburg,	6.27	43.38	43.00
	W. C. NOTHERN, MEMPHIS, TENN.				
5144	Bee Brand, -----	Brown & Fassett, Tunkhannock,	6.00	41.63	41.00
5219	Queen Bee Brand, -----	Peter Graff Milling Co., Worthington,	5.16	45.38	43.00
	NOWAK MILLING CORPORATION, BUFFALO, N. Y.				
5112	Cottonseed Meal, -----	The Farmers Supply Co., Saltsburg,	7.27	41.94	41.00
	COTTONSEED FEED	Average, -----	6.49	42.61	-----
	HUMPHREYS-GODWIN CO., MEMPHIS, TENN.				
5017	Danish Brand, -----	Latrobe Feed Supply Co., Latrobe,	6.25	41.00	36.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
8.20	6.00	9.21	10.00	2.70	Made from decorticated cottonseed.	As certified, -----	5473
7.62	6.00	8.16	10.00	47.00	Made from decorticated cottonseed.	As certified, -----	5193
8.05	6.00	6.90	10.00	2.50	Made from decorticated cottonseed.	As certified, -----	5795
8.12	6.00	9.37	10.00	2.10	Cottonseed meal.	As certified, -----	4944
8.14	6.00	9.02	10.00	2.50	Cottonseed meal.	As certified, -----	5740
8.02	6.00	11.43	10.00	2.60	Made from decorticated cottonseed.	As certified, -----	4842
7.85	6.00	9.05	10.00	-----	Made from decorticated cottonseed.	As certified, -----	4964
7.20	6.00	9.34	10.00	2.35	Cottonseed meal.	As certified, -----	5202
5.86	6.00	10.60	10.00	49.00	Cottonseed meal.	As certified, -----	5539
8.55	6.00	7.01	10.00	2.75	Cottonseed meal.	As certified, -----	5954
8.05	6.00	9.51	10.00	2.50	Cottonseed meal.	As certified, -----	5047
8.87	6.00	9.98	10.00	2.50	Cottonseed meal.	As certified, -----	5507
8.00	6.00	9.46	10.00	2.80	Cottonseed meal.	As certified, -----	5754
6.42	6.00	9.84	10.00	44.00	Made from cottonseed.	As certified, -----	5081
8.72	6.00	9.83	10.00	2.50	Made from cottonseed.	As certified, -----	5724
7.70	6.00	8.28	10.00	2.65	Made from cottonseed.	As certified, -----	5454
7.56	6.00	8.37	10.00	2.35	Made from cottonseed.	As certified, -----	5092
7.17	6.00	10.52	10.00	2.50	Made from cottonseed.	As certified, -----	5881
7.49	6.00	10.33	10.00	50.00	Made from cottonseed.	As certified, -----	5437
7.90	6.00	9.75	10.00	2.50	Decorticated cottonseed.	As certified, -----	4915
7.81	6.00	7.85	10.00	2.40	-----	Cottonseed meal, ----	5171
7.47	6.00	9.90	10.00	2.30	-----	Cottonseed meal, ----	5488
7.34	6.00	10.28	12.00	45.00	Made from pressed cottonseed.	As certified, -----	5144
7.71	6.50	7.20	10.00	2.00	Made from pressed cottonseed.	As certified, -----	5219
6.61	5.00	8.80	12.00	2.15	-----	Cottonseed meal, ----	5112
7.40	-----	9.24	-----	48.10	-----		
6.10	5.00	11.55	15.00	2.00	Made from cottonseed meal and cottonseed hulls.	As certified, -----	5017

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	LINSEED OIL MEAL, O. P.				
	AMERICAN LINSEED COMPANY, CHICAGO, ILL.		%	%	%
5468	Alinco Old Process Linseed Meal, ----	Z. L. Brothers, Ebensburg,	9.27	34.63	34.00
5573	Alinco Old Process Linseed Meal, ----	Carmichaels Milling Co., Carmichaels,	8.70	34.31	34.00
4963	Alinco Old Process Linseed Meal, ----	M. C. Deitz & Son, Mechanicsburg,	7.80	35.19	34.00
5098	Alinco Old Process Linseed Meal, ----	Geo. J. News Sons, Blairs- ville,	8.88	35.50	34.00
	ARCHER-DANIELS MIDLAND COM- PANY, MINNEAPOLIS, MINN.				
5232	Pure Old Process Linseed Meal, -----	E. H. Auman, Pine Grove Mills,	7.02	33.75	34.00
5406	Pure Old Process Linseed Meal, -----	C. E. Bates, Honesdale,	8.37	34.06	34.00
5920	Pure Old Process Linseed Meal, -----	James A. Kase, Danville, --	10.23	31.94	34.00
5657	Pure Old Process Linseed Meal, -----	W. E. Stormer, Reynolds- ville,	8.34	33.69	34.00
5893	Pure Old Process Linseed Meal, -----	Swope Brothers, Johns- town,	9.20	35.69	34.00
	HIRST & BEGLEY LINSEED WORKS, CHICAGO, ILL.				
5086	Old Process Linseed Meal, -----	Gramplon Milling Co., Gramplon,	10.28	36.50	34.00
4908	Old Process Linseed Meal, -----	Star Milling Company, Clymer,	10.59	35.19	34.00
	SPENCER KELLOGG & SONS, INC., BUFFALO, N. Y.				
5584	Kellogg's Pure Old Process Linseed Oil Meal,	Cannonsburg Milling Co., Cannonsburg,	8.48	36.50	34.00
5432	Kellogg's Pure Old Process Linseed Oil Meal,	A. D. Davenport, Mead- ville,	8.78	34.69	34.00
5008	Kellogg's Pure Old Process Linseed Oil Meal,	A. Dale Hill, Vander- grift,	10.56	35.19	34.00
5508	Kellogg's Pure Old Process Linseed Oil Meal,	Kline Flour Mills Co., Brookville,	9.16	35.88	34.00
5068	Kellogg's Pure Old Process Linseed Oil Meal,	C. B. Rutter, Lansford,	8.60	35.31	34.00
	JOHN T. LEWIS & BROTHERS CO., PHILADELPHIA, PA.				
4898	32% Linseed Cake Meal, -----	C. J. Miller, Calcium, --	6.65	33.56	32.00
	THE MANN BROTHERS CO., BUFFALO, N. Y.				
5745	32% Protein Pure Old Process Lin- seed Meal,	H. L. Garrison & Brother, Berwick,	10.36	32.25	32.00
5456	32% Protein Pure Old Process Lin- seed Meal,	Jacob & Keller, St. Marys,	9.90	32.69	32.00
5835	32% Protein Pure Old Process Lin- seed Meal,	Riverside Mills, Oil City,	11.38	34.06	32.00
5538	32% Protein Pure Old Process Lin- seed Meal,	M. S. Thomas Co., Sal- ladasburg,	9.40	32.81	32.00
4943	34% Protein Pure Old Process Lin- seed Meal,	Ash Brothers, Briar Creek,	7.01	34.06	34.00
5145	34% Protein Pure Old Process Lin- seed Meal,	Brown & Fassett, Tunk- hannock,	10.21	34.06	34.00
5940	34% Protein Pure Old Process Lin- seed Meal,	F. D. Hartzell's Sons Co., Chalfont,	11.31	32.56	34.00
5698	34% Protein Pure Old Process Lin- seed Meal,	M. J. Kane, Montrose, --	11.72	35.00	34.00
	PITTSBURGH PLATE GLASS CO., NEWARK, N. J.				
5722	Red Wing Pure O. P. Linseed Meal, --	W. E. Custer, Milton, ---	9.34	35.25	32.00
	PITTSBURGH PLATE GLASS CO., RED WING, MINN.				
5647	Red Wing Pure O. P. Linseed Meal, --	O. A. Allen, Alderson, --	10.12	34.50	34.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
7.11	6.00	7.95	9.00	2.00	Linseed meal old process.	As certified, -----	5463
6.95	6.00	8.59	9.00	70.00	-----	Linseed oil meal, ----	5573
6.94	5.00	8.18	8.00	-----	-----	Linseed oil meal, ----	4963
6.82	6.00	8.34	9.00	2.90	-----	Linseed oil meal, ----	5038
5.40	5.00	8.46	9.00	3.00	-----	Linseed oil meal, ----	5232
5.07	5.00	8.15	9.00	55.00	Pure old process linseed meal.	As certified, -----	5406
5.23	5.00	8.24	9.00	3.25	-----	Linseed oil meal, ----	5920
5.01	5.00	8.02	9.00	3.60	-----	Linseed oil meal, ----	5657
5.25	5.00	7.71	9.00	56.00	Pure old process linseed meal.	As certified, -----	5893
6.51	5.00	8.01	9.00	3.35	-----	Linseed oil meal, ----	5036
6.68	5.00	8.22	9.00	3.25	-----	Linseed oil meal, ----	49.8
6.49	5.00	6.78	10.00	55.00	-----	Linseed oil meal, ----	5584
7.06	5.00	9.15	10.00	53.00	-----	Linseed oil meal, ----	5432
6.46	5.00	7.77	10.00	2.75	-----	Linseed oil meal, ----	5008
6.23	5.00	6.57	10.00	2.80	-----	Linseed oil meal, ----	5508
6.44	5.00	7.62	10.00	3.00	-----	Linseed oil meal, ----	5068
7.88	5.00	8.53	10.00	2.80	-----	Linseed oil meal, ----	4808
6.41	6.00	8.48	10.00	2.85	-----	Linseed oil meal, ----	5745
6.92	6.00	8.05	10.00	3.35	-----	Linseed oil meal, ----	5456
6.00	6.00	7.30	10.00	2.90	-----	Linseed oil meal, ----	5835
6.40	6.00	9.18	10.00	60.00	-----	Linseed oil meal, ----	5538
7.57	6.00	8.68	10.00	2.80	-----	Linseed oil meal, ----	4943
7.93	6.00	7.78	10.00	55.00	-----	Linseed oil meal, ----	5145
6.62	6.00	7.82	10.00	56.00	-----	Linseed oil meal, ----	5040
7.44	6.00	7.71	10.00	57.00	Linseed meal.	As certified, -----	5698
6.41	6.00	7.66	9.00	3.00	-----	Linseed oil meal, ----	5722
6.26	5.00	7.98	9.00	60.00	Linseed meal, pure old process.	As certified, -----	5647

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
5139	THE SHERWIN-WILLIAMS CO., CLEVELAND, OHIO S. W. C. Linseed Oil Meal, -----	Meadville Cooperative Association, Meadville,  Average, -----	% 7.50  9.26	% 36.88  34.67	% 34.00  -----
	<u>BREWERY BY-PRODUCTS</u>				
	BREWERS' DRIED GRAINS				
5175	BADGER GRAIN & FEED COMPANY, INC., MILWAUKEE, WIS. Brewers' Dried Grains, -----	Blank & Gottshall Co., Inc Sunbury,	6.88	22.69	20.00
	MALT SPROUTS				
5732	T. A. HAUSCHEL, CHICAGO, ILL. Malt Sprouts, -----	Hefty Milling Co., Wat- sontown,	10.00	28.88	24.00
	<u>MAIZE BY-PRODUCTS</u>				
	CORN GLUTEN MEAL				
	CORN PRODUCTS REFINING COM- PANY, NEW YORK, N. Y.				
5646	Diamond, -----	O. A. Allen, Alderson,	8.69	44.38	40.00
5737	Diamond, -----	Ash Brothers, Briar Creek, Average, -----	8.27 8.48	42.69 43.54	40.00 -----
	CORN GLUTEN FEED				
5474	AMERICAN MAIZE PRODUCTS CO., NEW YORK, N. Y. Cream of Corn, -----	Boyer Feed Company, Beaver Springs,	8.42	24.81	23.00
5194	Cream of Corn, -----	Emporium Milling Co., Em- porium,	7.40	25.06	23.00
5917	CLINTON CORN SYRUP REFINING CO., CLINTON, IOWA. Clinton, -----	James A. Kase, Danville,	10.23	23.63	23.00
5233	CORN PRODUCTS REFINING CO., NEW YORK, N. Y. Buffalo, -----	E. H. Auman, Pine Grove Mills,	8.37	25.19	23.00
5142	Buffalo, -----	Brown & Fassett, Tunk- hannock,	7.55	27.94	23.00
5433	Buffalo, -----	A. D. Davenport, Meadville,	8.31	25.69	23.00
5457	Buffalo, -----	Jacob & Keller Co., St. Marys,	7.46	25.75	23.00
4847	Buffalo, -----	W. W. Kalb, Sunbury,	5.88	27.69	23.00
5523	Buffalo, -----	A. J. Kern, Slatington,	10.03	23.13	23.00
5757	Buffalo, -----	J. M. Kershner, Shoemaker- ville,	10.19	26.88	23.00
5029	Buffalo, -----	W. H. Manbeck & Co., Millin,	6.60	26.06	23.00
5540	Buffalo, -----	Perryville Mills, Cogan Station,	9.54	24.25	-----
5567	Buffalo, -----	W. M. Templeton & Sons, Houston,	8.17	25.81	23.00
	A. E. STALEY MANUFACTURING CO., DECATUR, ILL.				
5725	Staley's, -----	W. E. Custer, Milton,	9.24	27.13	23.00
5431	Staley's, -----	A. D. Davenport, Meadville	7.56	27.00	23.00
5700	Staley's, -----	M. J. Kane, Montrose, ---	8.81	25.63	23.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
6.57	5.00	7.66	10.00	55.00	-----	Linseed oil meal, ----	5131
6.50	-----	8.02	-----	58.67			
5.48	5.00	13.87	19.00	2.30	-----	Brewers' dried grains, ----	5175
1.39	1.50	11.68	13.00	2.00	-----	Malt sprouts, ----	5732
3.06	1.00	1.71	4.00	58.00	Corn gluten meal.	As certified, -----	5646
4.76	1.00	4.00	4.00	2.90	Corn gluten meal.	As certified, -----	5737
3.91	-----	2.85	-----	58.00			
2.65	2.00	8.23	8.50	2.30	Corn gluten feed.	As certified, -----	5474
3.34	2.00	6.69	8.50	45.00	Corn gluten feed.	As certified, -----	5194
3.04	2.00	6.54	8.50	2.50	-----	Corn gluten feed, ----	5917
2.67	2.00	8.00	8.50	2.35	-----	Corn gluten feed, ----	5233
2.56	2.00	7.26	8.50	44.00	Corn gluten feed.	As certified, -----	5142
2.68	2.00	7.36	8.50	43.00	-----	Corn gluten feed, ----	5433
2.52	2.00	8.51	8.50	2.50	-----	Corn gluten feed, ----	5457
2.68	2.00	7.86	8.50	2.00	Corn gluten feed.	As certified, -----	4847
2.37	2.00	8.33	8.50	2.20	-----	Corn gluten feed, ----	5523
2.55	2.00	7.17	8.50	2.35	-----	Corn gluten feed, ----	5757
2.78	2.00	8.16	8.50	2.25	-----	Corn gluten feed, ----	5029
2.75	-----	8.73	-----	38.00	-----	Corn gluten feed, ----	5540
3.09	2.00	7.60	8.50	40.00	-----	Corn gluten feed, ----	5567
1.70	1.00	6.54	8.00	2.50	Corn gluten feed.	As certified, -----	5725
2.03	1.00	4.60	6.00	40.00	-----	Corn gluten feed, ----	5431
2.18	1.00	6.32	8.00	44.00	Corn gluten feed.	As certified, -----	5700

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
			%	%	%
5203	UNION STARCH & REFINING CO., COLUMBUS, IND. Union, -----	Stembler Brothers, East Mauch Chunk, Average, -----	7.79 8.33	27.31 25.82	23.00 -----
	HOMINY FEED				
5599	LOUISVILLE MILLING CO., INC., LOUISVILLE, KY. Sonny South, -----	Honesdale Milling Co., Honesdale,	8.15	11.06	10.00
5146	POSTUM CEREAL COMPANY, INC., BATTLE CREEK, MICH. Burt's, -----	Brown & Fassett, Tunk- hannock,	8.99	10.13	10.00
5956	Burt's, -----	Meadville Cooperative Assoc. Meadville,	10.90	12.00	10.00
5021	THE QUAKER OATS COMPANY, CHICAGO, ILL. Yellow, -----	L. M. Lewis, Indiana, Average, -----	8.71 9.19	11.44 11.16	10.50 -----
	CORN FEED MEAL				
5015	G. E. CONKEY CO., CLEVELAND, OHIO. Corn Feed Meal, -----	Latrobe Feed & Supply Co., Latrobe,	11.82	9.69	10.00
5265	F. S. WERTZ & SON, READING, PA. Corn Feed Meal, -----	Greer Brothers, Philadel- phia, Average, -----	8.49 10.16	10.19 9.94	7.50 -----
	WHEAT OFFALS				
	WHEAT BRAN (With and Without Ground Grain Screenings)				
5870	J. O. APPLEBY, EAST WATER- FORD, PA. Pure Wheat Bran, -----	J. O. Appleby, East Waterford,	12.36	14.50	-----
4947	ASH BROTHERS, BRIAR CREEK, PA. Pure Wheat Bran, -----	Ash Brothers, Briar Creek,	5.96	16.38	14.19
5739	Pure Wheat Bran, -----	Ash Brothers, Briar Creek,	10.31	15.81	14.19
4919	BAY STATE MILLING COMPANY, WINONA, MINN. Wingold Pure Hard Wheat Bran, ---	Hetrick & Wilson, Indiana,	5.74	17.94	15.50
5424	Wingold Pure Hard Wheat Bran, ---	F. M. Timlin, DuBois, --	10.00	16.69	15.50
5872	W. E. & R. A. BEERS, ACADEMIA, PA. Pure Wheat Bran, -----	W. E. & R. A. Beers, Academia,	13.05	14.31	-----
4860	BERNET, CRAFT AND KAUFMAN, ST. LOUIS, MO. Ideal Pure Wheat Bran, -----	C. F. Priece, Newton Hamilton,	6.00	15.50	14.50
5061	BIG DIAMOND MILLS CO., MINNE- APOLIS, MINN. Big Diamond Wheat Bran with Ground Screenings not exceeding Mill Run,	Altoona Feed Mills, Al- toona,	5.94	15.63	14.50
5710	Big Diamond Wheat Bran with Ground Screenings not exceeding Mill Run,	Shamokin Milling Co., Shamokin,	9.88	16.25	14.50

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
2.27	2.00	7.07	8.00	2.30	Corn gluten feed.	As certified, -----	5203
2.55	-----	7.35	-----	44.65			
6.84	7.00	4.95	6.00	40.00	Hominy feed.	As certified, -----	5339
5.50	6.00	3.54	5.00	40.00	Made from white corn.	As certified, -----	5146
6.83	6.00	3.77	5.00	45.00	Made from white corn.	As certified, -----	5956
4.91	5.00	4.10	6.00	2.25	-----	Hominy feed, -----	5021
6.02	-----	4.09	-----	42.50	.	.	
5.23	4.00	2.92	5.00	2.15	-----	Corn feed meal, ----	5015
4.92	4.00	4.31	4.80	42.00	-----	Corn feed meal, ----	5205
5.08	-----	3.61	-----	42.50			
4.01	-----	6.59	-----	2.20	-----	Wheat bran and trace of corn cockle.	5870
4.97	4.04	10.06	9.36	1.90	-----	Wheat bran, -----	4917
4.70	4.04	7.49	9.36	1.90	-----	Wheat bran, -----	5739
5.91	4.50	10.04	12.40	2.00	-----	Wheat bran, -----	4919
5.34	4.50	9.88	12.40	1.90	Pure hard winter wheat free from screenings.	As certified, -----	5424
4.40	-----	6.51	-----	2.00	-----	Wheat bran and trace of ground corn cockle.	5872
4.36	4.00	9.66	9.50	2.10	-----	Wheat bran, -----	4860
5.32	5.00	10.85	12.00	2.10	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	5061
5.22	5.00	10.53	12.00	2.20	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	5710

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5747	P. E. BINGAMAN & SONS, SELINS-GROVE, PA. Pure Wheat Bran, -----	P. E. Bingaman & Sons, Selinsgrove,	10.69	15.44	15.00
5074	THE BIRKETT MILLS, PENN YAN, N. Y. Wheat Bran with Ground Screenings,	F. A. Ackley & Son, West-field,	10.15	16.25	13.50
5455	BLAINE, MACKAY, LEE CO., NORTH EAST, PA. Pure Wheat Bran with Mill Run Screenings,	Jacob & Keller Co., St. Marys,	9.30	18.00	15.00
5235	Pure Wheat Bran with Mill Run Screenings,	Rice Feed Company, Pitts-burgh,	7.94	17.75	15.00
5471	BOYER FEED CO., BEAVER SPRINGS, PA. Pure Wheat Bran, -----	Boyer Feed Co. Beaver Springs,	9.28	17.56	15.00
5678	BRYANS MILLS, HUGHESVILLE, PA. Wheat Bran, -----	J. C. Burns, Hughesville,	11.91	16.06	-----
5363	CHATHAM RUN MILLS, LOCK HAVEN, PA. Pure Wheat Bran, -----	G. A. Duff, Lock Haven,	10.79	17.69	-----
5683	CITY FLOURING MILLS, MUNCY, PA. Wheat Bran, -----	C. L. Herrold, Montgom-ery,	8.89	16.25	15.00
5812	CLARO MILLING COMPANY, MIN-NEAPOLIS, MINN. Claro Pure Wheat Bran, -----	J. H. Houser, Dayton,	11.37	17.56	14.50
5019	COMMANDER MILLING CO., MINNE-APOLIS, MINN. Commander Wheat Bran with Ground Screenings not exceeding Mill Run,	L. M. Lewis, Indiana,	9.36	15.44	14.50
5769	COMMERCIAL MILLING COMPANY, DETROIT, MICH. Pure Wheat Bran, -----	Edinboro Cooperative Asso-ciation, Edinboro,	9.65	15.44	15.00
5883	Pure Wheat Bran, -----	H. J. Mulhanney & Son, DuBois,	11.05	16.50	15.00
4889	C. E. CROTSLEY, SALTILLO, PA. Pure Wheat Bran, -----	C. E. Crotsley, Saltillo,	7.93	15.88	15.00
5284	LOUIS CROUSE, McCONNELLSBURG, PA. Wheat Bran, -----	Louis Crouse, McConnel's-burg,	9.40	18.13	-----
4841	W. E. CUSTER, MILTON, PA. Pure Wheat Bran, -----	E. Datesman & Son, Mil-ton,	7.19	17.19	15.00
5250	B. A. ECKHART MILLING CO., CHICAGO, ILL. Wheat Bran and Screenings, -----	Thomas Hammon, Pitts-burgh,	9.75	15.81	14.00
5383	Wheat Bran and Screenings, -----	Chester Pollock, Alexandria,	7.98	16.25	14.00
5153	EMPIRE MILLING COMPANY, MIN-NEAPOLIS, MINN. Empire Pure Wheat Bran, -----	Brown & Fassett, Tunk-hannock,	9.10	15.38	14.00
5800	Empire Pure Wheat Bran, -----	Smith & Zahniser, Free-port,	11.73	15.19	14.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.97	4.00	7.33	10.00	2.00	-----	Wheat bran, -----	5747
4.52	3.50	8.20	10.00	45.00	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	5074
5.91	4.00	9.25	9.00	1.90	-----	Wheat bran with mill run ground screenings.	5455
6.08	4.00	8.79	9.00	40.00	Wheat bran with mill run screenings.	As certified, -----	5235
3.84	4.00	6.96	10.00	2.10	-----	Wheat bran, -----	5471
3.62	-----	6.30	-----	40.00	-----	Wheat bran, -----	5678
3.93	-----	7.20	-----	36.00	-----	Wheat bran, -----	5363
4.82	4.00	9.46	10.00	2.15	-----	Wheat bran, -----	5683
5.09	4.00	9.37	11.00	2.15	-----	Wheat bran, -----	5812
5.13	5.00	11.46	12.00	2.00	-----	Wheat bran with mill run ground screenings,	5019
4.06	3.50	8.93	11.00	41.00	-----	Wheat bran, -----	5769
5.13	3.50	9.27	11.00	1.90	-----	Wheat bran, -----	5833
4.88	4.00	7.78	10.00	2.20	-----	Wheat bran, -----	4889
4.00	-----	7.58	-----	2.20	-----	Wheat bran, -----	5284
4.73	4.00	9.39	8.00	1.90	-----	Wheat bran, -----	4841
4.59	2.50	8.42	11.00	48.00	Wheat bran with reeleaned ground wheat screenings not exceeding mill run.	As certified, -----	5250
4.42	2.50	8.70	11.00	2.10	-----	Wheat bran, -----	5383
5.12	5.00	11.44	11.70	38.00	Pure hard wheat bran.	As certified, -----	5153
5.50	5.00	11.41	11.70	2.15	-----	Wheat bran, -----	5800

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
4997	EUREKA ROLLER MILLS, CLARION, PA. Wheat Bran, -----	Eureka Roller Mills, Clarion,	8.93	16.63	15.25
5394	EVERETT, AUGHENBAUGH & CO., MINNEAPOLIS, MINN. EaCo Pure Wheat Bran, -----	Honesdale Milling Co., Honesdale,	7.43	16.69	14.50
5863	SAMUEL FREDERICK ESTATE, CENTER HALL, PA. Pure Wheat Bran, -----	Samuel Frederick Estate, Center Hall,	13.65	14.31	-----
5355	R. A. FREHN, THREE SPRINGS, PA. Pure Wheat Bran, -----	R. A. Frehn, Three Springs,	10.68	16.50	15.00
5320	FREHIOFER FLOUR MILLS, PHILADELPHIA, PA. Wheat Bran with Mill Run of Screenings,	R. J. Noonan, Philadelphia,	6.79	16.25	15.00
5728	HEFTY MILLING COMPANY, WATSONTOWN, PA. Wheat Bran, -----	Hefty Milling Company, Watontown,	10.39	14.94	16.00
5890	HUBBARD MILLING COMPANY, MANKATO, MINN. Fancy Pure Mother Hubbard Wheat Bran, -----	Dayton Milling Company, Dayton,	10.16	17.69	15.70
5564	INTERNATIONAL MILLING COMPANY, MINNEAPOLIS, MINN. Blackhawk Pure Wheat Bran, -----	Fayette Feed Co., Fayette City,	9.70	17.00	15.00
5867	C. T. JUNK, McCOYSVILLE, PA. Pure Wheat Bran, -----	C. T. Junk, McCoysville,	12.38	14.38	-----
5582	KANSAS FLOUR MILLS CORPORATION, KANSAS CITY, MO. Big Flake Pure Wheat Bran, -----	Cannonsburg Milling Co., Cannonsburg,	8.46	17.63	15.00
5611	Big Flake Pure Wheat Bran, -----	H. W. Richards, Murraysville,	9.68	17.44	14.50
4951	H. H. KING FLOUR MILLS COMPANY, MINNEAPOLIS, MINN. Fancy Broadflake Bran, -----	Riverside Mills, Oil City,	4.77	16.69	14.50
5270	KING MIDAS MILL COMPANY, MINNEAPOLIS, MINN. Clover Leaf Pure Wheat Bran, -----	Orr Kole Company, Philadelphia,	6.44	16.44	14.50
5281	LAKEVIEW MILLING COMPANY, CHAMBERSBURG, PA. Soft Winter Wheat Bran, -----	Lewis C. Crouse, McConnellsburg,	8.10	15.88	14.00
5951	THE LARABEE FLOUR MILLS CO., KANSAS CITY, MO. Pure Winter Wheat Bran, -----	Cochrannton Cooperative Association, Cochrannton,	10.29	16.50	15.00
5063	Wheat Bran and Wheat Screenings, ----	Eldorado Milling Co., Altoona,	9.19	17.00	15.00
5245	Wheat Bran and Wheat Screenings, ----	J. J. Fichter Feed Co., Pittsburgh,	7.45	16.50	15.00
5878	Wheat Bran and Wheat Screenings, ----	J. J. Kennedy & Sons, Zelenople,	10.86	15.81	15.00
5508	LOUDONVILLE MILLING CO., LOUDONVILLE, OHIO. LeGrange Wheat Bran, -----	W. M. Templeton & Sons, Houston,	8.12	14.69	13.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.19	4.23	9.49	9.28	2.25	-----	Wheat bran, -----	4997
4.96	4.00	9.65	11.00	39.00	Pure wheat bran.	As certified, -----	5394
4.54	-----	6.18	-----	1.90	-----	Wheat bran, -----	5863
4.33	4.00	5.89	9.00	2.20	-----	Wheat bran, -----	5355
4.42	4.00	9.54	11.00	2.00	Wheat bran with mill run of screenings.	As certified, -----	5339
4.83	5.00	9.50	8.00	1.90	-----	Wheat bran, -----	5728
5.52	4.20	9.87	11.50	2.00	-----	Wheat bran, -----	5800
4.62	3.20	9.26	12.00	40.00	-----	Wheat bran, -----	5564
4.08	-----	5.83	-----	-----	-----	Wheat bran, -----	5867
3.62	3.50	8.64	11.00	40.00	-----	Wheat bran, -----	5582
4.43	3.50	9.24	11.60	2.25	-----	Wheat bran, -----	5611
5.71	4.00	11.70	11.00	38.00	Wheat.	Wheat bran, -----	4951
4.77	4.00	10.06	12.00	2.20	Pure wheat bran.	As certified, -----	5270
4.42	4.00	8.50	9.50	2.20	-----	Wheat bran, -----	5281
4.33	3.50	10.08	10.00	1.85	Wheat.	Wheat bran, -----	5951
4.07	3.50	9.31	10.00	2.15	Wheat bran and wheat screenings not to exceed mill run or 8%.	Wheat bran, -----	5063
4.50	3.50	9.80	10.00	1.95	Wheat bran and wheat screenings not to exceed mill run.	As certified, -----	5245
4.04	3.50	8.99	10.00	1.90	Wheat bran and wheat screenings not to exceed mill run or 8%.	As certified, -----	5878
4.26	4.00	9.09	12.00	40.00	-----	Wheat bran, -----	5568

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5869	McCULLOCH ROLLER MILLS, HONEY GROVE, PA. Pure Wheat Bran, -----	McCulloch Roller Mills, Honey Grove,	12.23	13.94	-----
5449	McMULLIN BROTHERS, MILLHEIM, PA. Wheat Bran, -----	McMullin Brothers, Mill- heim,	7.90	16.06	14.00
5027	W. H. MANBECK & CO., MIFFLIN, PA. Pure Wheat Bran, -----	W. H. Manbeck & Co., Mifflin,	8.32	15.56	-----
5385	J. N. MEISER, RICHFIELD, PA. Wheat Bran, -----	J. N. Meiser, Richfield, ---	9.20	16.19	15.00
5479	W. S. MEISER, FREEBURG, PA. Pure Wheat Bran, -----	W. S. Meiser, Freeburg, --	9.82	16.31	14.00
5572	MENNEL MILLING COMPANY, TOLEDO, OHIO. Mennell's Fancy Bran, -----	Carmichaels Milling Co., Carmichaels,	8.12	15.63	15.00
5347	MEXICO ROLLER MILLS, MEXICO, PA. Wheat Bran, -----	Mexico Roller Mills, Mexico,	9.79	14.75	15.00
5346	OGILVIE FLOUR MILLS CO., LTD., WINNIPEG, CANADA. Ogilvie's Wheat Bran, -----	Duffey & Glazier, Webster Mills,	10.17	15.94	15.00
4923	PATTERSON MILLING CO., SALTS- BURG, PA. Wheat Bran, -----	Helper-McNaughton Milling Co., New Alexandria,	8.53	20.13	14.50
5459	PILLSBURY FLOUR MILLS COM- PANY, MINNEAPOLIS, MINN. Pillsbury Hard Wheat Bran and Screenings,	Z. L. Brothers, Ebensburg,	9.90	17.13	14.00
5297	Pillsbury Hard Wheat Bran and Screenings,	Hege & Mikesell, Scenery Hill,	8.28	16.56	14.00
4861	C. F. PRICE, NEWTON HAMILTON, PA. Pure Wheat Bran, -----	C. F. Price, Newton Ham- ilton,	7.66	16.38	-----
4873	J. N. PROSSER, BEDFORD, PA. Pure Wheat Bran, -----	J. N. Prosser, Bedford, --	5.75	18.44	15.00
5514	GEO. L. REED MILLING CO., INC., BROOKVILLE, PA. Wheat Bran with Screenings not Ex- ceeding Mill Run,	Geo. L. Reed Milling Co., Inc., Brookville,	8.73	15.75	16.00
5452	W. E. REPLOGLE, WOODBURY, PA. Wheat Bran, -----	W. E. Replogle, Woodbury,	9.75	17.38	15.00
5388	ROBIN HOOD MILLS, LTD., CAL- GARY, CANADA. Superior Wheat Bran, -----	H. D. Schell, Mifflintown,--	8.06	17.50	15.00
4991	Superior Wheat Bran, -----	Union Roller Mills, Ham- burg,	5.50	17.00	15.00
5361	I. J. ROHRBAUGH, BEECH CREEK, PA. Wheat Bran, -----	L. H. Stephens, Beech Creek,	10.43	19.25	-----

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.92	-----	6.06	-----	2.00	-----	Wheat bran, -----	5869
4.52	4.00	7.03	12.00	1.80	-----	Wheat bran, -----	5449
4.34	-----	10.24	-----	2.00	-----	Wheat bran, -----	5027
4.03	4.00	6.86	10.00	2.20	-----	Wheat bran and small amount ground screenings.	5385
4.43	4.00	8.75	10.00	2.00	-----	Wheat bran, -----	5479
4.62	4.00	8.90	9.50	40.00	-----	Wheat bran, -----	5572
3.96	4.00	6.67	10.00	2.10	-----	Wheat bran, -----	5347
5.59	3.50	9.38	11.50	2.35	-----	Wheat bran, -----	5946
5.92	5.25	7.56	9.30	1.80	-----	Wheat bran, -----	4923
5.40	4.00	8.49	12.00	2.10	Hard wheat bran and screen- ings.	As certified, -----	5459
5.42	4.00	9.23	12.00	40.00	-----	Wheat bran and screen- ings.	5297
4.58	-----	9.26	-----	2.10	-----	Wheat bran, -----	4861
4.75	4.00	7.83	10.00	2.00	-----	Wheat bran, -----	4878
4.73	4.00	9.31	12.00	2.05	-----	Wheat bran with mill run ground screen- ings.	5514
4.15	4.00	7.86	10.00	2.00	-----	Wheat bran, -----	5452
5.37	3.50	9.50	11.50	2.10	-----	Wheat bran, -----	5388
5.51	3.50	10.63	11.50	1.90	-----	Wheat bran, -----	4991
5.35	-----	5.84	-----	1.15	-----	Wheat bran, -----	5361

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5948	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN. Hard Wheat Occident Bran, -----	Cooperative Grange Milling Co., Titusville,	9.75	17.38	14.00
4914	Hard Wheat Occident Bran, -----	Edwards Brothers, Byer, --	6.93	20.06	14.00
5720	Hard Wheat Occident Bran, -----	The Hex Milling Co., Shamokin,	10.69	18.56	14.00
5317	Hard Wheat Occident Bran, -----	Marianna Mercantile Co., Marianna,	9.85	18.56	14.00
5530	SAEGER MILLING COMPANY, ALLENTOWN, PA. Hanover Wheat Bran, -----	Saeger Milling Company, Allentown,	10.09	15.25	12-14
5389	H. D. SCHELL, MIFFLINTOWN, PA. Wheat Bran, -----	H. D. Schell, Mifflintown,--	8.61	17.06	15.00
4971	THE SOUTH WESTERN MILLING COMPANY, KANSAS CITY, MO. Red Turkey Pure Wheat Bran, -----	W. B. Barnitz, Carlisle, ---	5.23	16.88	14.50
5856	Red Turkey Pure Wheat Bran, -----	Luzerne County Cooperative Association, Inc., Wilkes-Barre,	10.50	17.69	14.50
5490	Red Turkey Pure Wheat Bran, -----	The Mifflinburg Farmers Exchange, Inc., Mifflinburg,	8.64	17.56	14.50
4865	Red Turkey Pure Wheat Bran, -----	Reedsville Milling Co., Reedsville,	5.09	17.50	14.50
5833	SPRINGFIELD MILLING COMPANY, SPRINGFIELD, MINN. White Swan Standard Wheat Bran with Ground Screenings not exceeding Mill Run,	Spring Creek Milling Co., Spring Creek,	10.54	17.13	16.00
5439	F. W. STOCK & SONS, HILLS-DALE, MICH. Wheat Bran, -----	Clyde D. Duffee, Oil City, --	6.69	17.63	14.00
5241	Wheat Bran, -----	S. B. Floyd & Son, Pittsburgh,	6.73	17.88	14.00
5576	Wheat Bran, -----	A. F. Gault, Bentleyville,--	8.40	17.63	14.00
5013	Wheat Bran, -----	Latrobe Feed & Supply Co., Latrobe,	8.29	14.38	14.00
5806	W. M. TELFER & BROTHER, DOYLES MILLS, PA. Pure Wheat Bran, -----	W. M. Telfer & Brother, Doyles Mills,	11.74	14.31	-----
5198	TENNANT & HOYT COMPANY, LAKE CITY, MINN. Golden Loaf Pure Bran, -----	H. J. Cohen, Lewistown,	5.53	15.19	14.00
5753	Wheat Bran with Ground Screenings Not exceeding Mill Run,	Nickle Plate Flour Mills, Wesleyville,	10.79	17.00	15.00
5933	THREE SPRINGS MILLING CO., THREE SPRINGS, PA. Pure Wheat Bran, -----	Three Springs Milling Co. Three Springs,	10.55	15.06	-----
4928	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO Camp's Winter Wheat Bran, -----	G. E. Crist, Blairsville,	5.51	15.63	15.00
4937	C. Y. WAGNER & CO., INC., BELLEFONTE, PA. Pure Wheat Bran, -----	Wm. McClenahan, Center Hall,	5.35	16.88	12.00
5410	WASHBURN, CROSBY COMPANY, MINNEAPOLIS, MINN. Eventually Gold Medal Hard Wheat Bran and Wheat Screenings,	C. E. Bates, Honesdale, ---	8.54	16.63	14.00
5760	Eventually Gold Medal Hard Wheat Bran and Wheat Screenings,	Clawson & Company, Kinzua,	11.10	17.75	14.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.66	4.00	8.25	11.50	38.00	-----	Wheat bran, -----	5948
5.63	4.00	8.74	11.50	2.00	-----	Wheat bran, -----	4914
5.35	4.00	8.62	11.50	2.00	-----	Wheat bran, -----	5720
5.39	4.00	8.35	11.50	40.00	-----	Wheat bran, -----	5317
4.58	3-6	8.06	6-9	2.10	Wheat bran with screenings not exceeding mill run.	Wheat bran, -----	5530
4.33	4.00	6.04	10.00	2.20	-----	Wheat bran, -----	5389
4.55	3.50	9.37	11.00	-----	-----	Wheat bran, -----	4971
4.30	3.50	8.44	11.00	2.20	Pure wheat bran, -----	As certified, -----	5856
4.93	3.50	9.26	11.00	2.00	-----	Wheat bran, -----	5490
4.99	3.50	9.44	11.00	2.10	-----	Wheat bran, -----	4865
5.00	4.50	9.62	10.50	35.00	Standard wheat bran with ground screenings not ex- ceeding mill run.	As certified, -----	5833
4.54	3.00	9.41	10.60	2.05	Pure wheat with mill run screenings.	As certified, -----	5499
4.63	3.00	9.71	10.00	35.00	Pure wheat with mill run screenings.	As certified, -----	5241
4.66	3.00	8.56	10.00	42.00	-----	Wheat bran, -----	5576
4.01	3.00	8.33	10.00	1.85	-----	Wheat bran with mill run ground screen- ings.	5013
4.09	-----	7.37	-----	2.00	-----	Wheat bran, -----	5866
5.27	4.00	9.93	11.00	1.30	-----	Wheat bran, -----	5198
4.75	4.00	10.92	11.00	39.00	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	5533
4.30	-----	7.57	-----	2.20	-----	Wheat bran, -----	5033
5.29	4.00	9.89	10.00	2.10	Soft winter wheat.	Wheat bran, -----	4923
4.72	3.00	9.23	7.00	1.90	-----	Wheat bran, -----	4937
5.26	4.00	9.50	12.00	40.00	Hard wheat bran and mill run cleaned ground wheat screenings.	As certified, -----	5410
4.95	4.00	9.09	12.00	34.00	Wheat bran with ground screenings not exceeding mill run.	As certified, -----	5760

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
4887	THE WHITE MILLING COMPANY, BLOOMSBURG, PA. Wheat Bran, -----	The White Milling Com- pany, Bloomsburg,	8.03	15.88	14.00
5936	WILLIAMS BROTHERS, PORT MA- TILDA, PA. Pure Wheat Bran, -----	Williams Brothers, Port Matilda,	12.36	15.69	-----
4958	THE WILLIAMS BROTHERS CO., KENT, OHIO Pure Ohio Wheat Bran, -----	Cooperative Grange Milling Co., Titusville,	7.16	16.13	14.00
5804	Pure Ohio Wheat Bran, -----	Hamilton & Altars, Par- nassus, Average, -----	11.40 9.01	15.88 16.51	14.00 -----
	<u>MIXED FEED</u>				
	WHEAT BY-PRODUCTS (With and without grain screenings)				
5129	DAYTON MILLING CO., TOWANDA, PA. Wheat Feed, -----	Dayton Milling Co., Towanda,	9.64	15.25	16.00
5531	GEO. DEARMITT, PETERSBURG, PA. Bran and Shorts, -----	Geo. DeArmitt, Petersburg,	11.20	16.56	-----
4854	HIGHSPIRE FLOUR MILLS, INC., HIGHSPIRE, PA. Wheat Mixed Feed, -----	W. W. Kalb, Sunbury,	9.96	14.63	14.00
5295	PILLSBURY FLOUR MILLS CO. MINNEAPOLIS, MINN. Pillsbury Fancy Mixed Feed and Screenings,	Hedge & Mikesell, Seenery Hill,	8.94	18.06	15.00
5090	THE QUAKER OATS CO., CHICAGO, ILL. Buckeye Feed, -----	Marion Center Milling Co., Marion Center,	10.20	17.00	15.50
5154	RUSSELL-MILLER MILLING CO. MINNEAPOLIS, MINN. Hard Wheat Occident Mixed Feed, ----	Brown & Fassett, Tunkhan- nock,	9.66	18.00	15.00
5301	Hard Wheat Occident Mixed Feed, ----	J. Allen Williams, Califor- nia,	8.72	17.25	15.00
5634	WASHBURN, CROSBY COMPANY, MINNEAPOLIS, MINN. Washburn's Gold Medal Fancy Mixed Feed,	E. J. Grimes & Son, Sus- quehanna,	10.06	16.38	16.00
5764	THE WILLIAMS BROTHERS CO., KENT, OHIO Kent Mixed Feed, -----	W. H. Parker, Waterford, Average, -----	10.10 9.83	14.88 16.45	----- -----
	<u>WHEAT MIDLINGS</u>				
	(With and without ground grain screenings)				
	WHEAT STANDARD MIDLINGS				
4920	BAY STATE MILLING CO., WINONA, MINN. Wingold Standard Hard Wheat Mid- dlings and Wheat Screenings,	Hetrick & Wilson, Indiana,	9.43	18.44	17.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.75	4.50	9.58	9.00	1.80	-----	Wheat bran, -----	4887
4.00	-----	6.14	-----	2.30	-----	Wheat bran, -----	5933
5.10	3.00	8.81	12.00	40.00	-----	Wheat bran, -----	4955
5.02	3.00	8.93	12.00	2.25	-----	Wheat bran, -----	5804
4.77	-----	8.76	-----	40.20			
4.45	4.00	7.84	9.00	42.00	Soft winter wheat.	Wheat bran and wheat middlings,	5129
4.58	-----	6.03	-----	2.20	-----	Wheat bran and shorts	5531
3.96	3.00	6.27	7.50	2.00	-----	Wheat bran and wheat middlings,	4854
5.10	4.00	5.51	8.50	45.00	Wheat red dog, hard wheat bran with ground wheat screenings not exceeding mill run.	As certified, -----	5295
4.50	4.50	7.98	10.00	2.00	Wheat bran, wheat middlings with ground wheat screenings not exceeding mill run.	As certified, -----	5000
5.01	4.50	7.47	9.50	40.00	Mill run of bran, middlings and red dog.	As certified, -----	5154
5.12	4.00	7.09	9.50	40.00	Mill run of bran, middlings and red dog.	As certified, -----	5301
4.08	4.00	5.61	7.50	2.40	Hard wheat bran, mill run cleaned ground wheat screenings and low grade wheat flour.	As certified, -----	5634
4.60	-----	5.68	-----	2.10	-----	Wheat bran and wheat middlings.	5764
4.61	-----	6.60	-----	42.34	-----		
6.45	5.00	7.14	9.00	2.00	Wingold standard hard wheat middlings and wheat screenings, ground screenings from wheat not exceeding mill run.	As certified, -----	4920

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	B. A. ECKHART MILLING CO., CHICAGO, ILL.		%	%	%
5246	Standard Wheat Middlings and Screenings,	J. J. Fichter Feed Co., Pittsburgh,	8.00	18.09	14.00
5837	Standard Wheat Middlings and Screenings,	Riverside Mills, Oil City, --	11.03	17.38	14.00
5395	EVERETT, AUGHIENBAUGH & CO., MINNEAPOLIS, MINN. Eaco Wheat Standard Middlings with Wheat Screenings,	Honesdale Milling Co., Honesdale,	8.87	18.81	15.00
5315	HUBBARD MILLING CO., MANKATO, MINN. Standard Mother Hubbard Fine Wheat Middlings with Screenings,	W. R. Barnard, Bentleyville	11.45	16.63	16.40
5577	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN. Blackhawk Wheat Standard Middlings with Ground Screenings not exceeding Mill Run,	A. F. Gault, Bentleyville,	9.65	17.56	16.00
5849	Blackhawk Wheat Standard Middlings with Ground Screenings not exceeding Mill Run,	Luzerne County Coopera- tive Association, Inc., Wilkes-Barre,	11.14	16.75	16.00
5583	LA GRANGE MILLS, RED WING, MINN. Standard Wheat Middlings with Ground Screenings not exceeding Mill Run,	Cannonsburg Milling Co., Cannonsburg,	9.47	18.31	16.00
5251	Standard Wheat Middlings with Ground Screenings not exceeding Mill Run,	Thomas Hammon, Arlington	9.91	17.31	16.10
5014	Standard Wheat Middlings with Ground Screenings not exceeding Mill Run,	Latrobe Feed & Supply Co. Latrobe,	10.25	16.88	16.10
5709	THE NORTHWESTERN CONSOLI- DATED MILLING CO., MINNEAPOLIS, MINN. Wheat Standard Middlings with Ground Screenings not exceeding Mill Run,	Shamokin Milling Co., Shamokin,	11.21	17.06	15.00
5425	Wheat Standard Middlings with Ground Screenings not exceeding Mill Run,	F. M. Timlin, DuBois,	11.30	17.50	15.00
5298	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN. Pillsbury Hard Wheat Standard B. Midds. and Screenings,	Hedge & Mikesell, Scenery Hill,	7.19	15.69	15.00
5131	B. F. SCHWARTZ & CO., INC., NEW YORK, N. Y. Wheat Standard Middlings and Screen- ings,	Dayton Milling Co., To- wanda,	9.42	16.38	14.00
5504	Wheat Standard Middlings and Screen- ings,	Jackson & Hortman, Hop Bottom,	8.73	17.44	14.00
5064	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN. Eventually Gold Medal Hard Wheat Standard Middlings and Wheat Screen- ings,	Eldorado Milling Co., Al- toona,	10.20	16.13	15.00
5390	Eventually Gold Medal Hard Wheat Standard Middlings and Wheat Screenings,	Honesdale Milling Co., Honesdale,	8.27	17.69	15.00
4856	Eventually Gold Medal Hard Wheat Standard Middlings and Wheat Screenings,	W. P. Searer, Lewistown,	10.51	17.50	15.00
Average, -----			9.78	17.34	-----

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.43	2.56	7.77	9.50	2.05	Standard wheat middlings with ground recleaned wheat screenings not exceeding mill run.	As certified, -----	5246
4.57	2.50	7.28	9.50	2.50	Standard wheat middlings with ground recleaned screenings not exceeding mill run.	As certified, -----	5837
5.96	3.00	7.00	9.50	39.00	Wheat standard middlings with wheat screenings.	As certified, -----	5395
5.25	5.10	7.79	9.10	42.00	Standard wheat middlings with ground screenings not exceeding one half mill run.	As certified, -----	5315
4.63	4.50	7.38	8.50	44.00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, -----	5577
5.33	4.50	7.66	8.50	2.55	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, -----	5849
5.39	5.30	7.40	9.50	42.00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, -----	5583
5.55	5.30	7.50	9.50	48.00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, -----	5251
5.91	5.30	7.38	9.50	1.85	-----	Wheat standard middlings with mill run ground screenings.	5014
5.08	4.00	8.86	9.50	2.20	-----	Wheat standard middlings with mill run ground screenings.	5709
5.45	5.50	7.22	9.00	1.90	-----	Wheat standard middlings with mill run ground screenings.	5425
5.02	4.00	9.61	9.50	42.00	Hard wheat standard middlings and ground wheat screenings not exceeding mill run.	As certified, -----	5293
4.10	4.00	7.23	9.50	39.00	-----	Wheat standard middlings with mill run ground screenings.	5131
4.00	4.00	8.73	9.50	43.00	Wheat standard middlings with ground screenings not exceeding mill run.	As certified, -----	5504
4.96	4.00	8.05	9.50	2.40	Hard wheat standard middlings and mill run cleaned ground wheat screenings.	As certified, -----	5064
5.09	4.00	7.13	9.50	39.00	Hard wheat standard middlings and wheat screenings	As certified, -----	5390
4.83	4.00	7.74	9.50	2.20	-----	Wheat standard middlings with mill run ground screenings.	4856
5.17	-----	7.71	-----	42.84	-----	-----	-----

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	WHEAT FLOUR MIDDINGS		%	%	%
4946	ASH BROTHERS, BRIAR CREEK, PA. Pure Wheat Middlings, -----	Ash Brothers, Briar Creek,	8.23	14.38	13.94
5660	BIG DIAMOND MILLS CO., MINNEAPOLIS, MINN. Big Diamond Wheat Flour Middlings with Screenings not exceeding Mill Run	Altoona Feed Mill, Altoona,	9.64	17.25	16.00
5574	Big Diamond Wheat Flour Middlings with Screenings not exceeding Mill Run	Carmichaels Milling Co., Carmichaels,	10.35	17.25	16.00
5708	Big Diamond Wheat Flour Middlings with Screenings not exceeding Mill Run	Shamokin Milling Co., Shamokin,	11.26	17.75	16.00
5773	CANNON VALLEY MILLING CO., MINNEAPOLIS, MINN. Cannon Valley Wheat Flour Middlings,	National Flour & Feed Co. Fayette City,	11.09	19.75	16.00
5434	COMMERCIAL MILLING CO., DETROIT, MICH. Extra Fancy Standard Middlings with Ground Screenings not exceeding Mill Run,	A. D. Davenport, Meadville,	7.73	15.81	15.60
5658	DULUTH SUPERIOR MANUFACTUR- ING CO., DULUTH, MINN. Standard Middlings with Ground Screen- ings not exceeding Mill Run,	W. E. Stormer, Reynolds- ville,	10.22	17.44	14.00
5152	EMPIRE MILLING CO., MINNE- APOLIS, MINN. Empire Wheat Flour Middlings with Ground Screenings not exceeding Mill Run,	Brown & Fassett, Tunk- hannock,	9.9	17.44	16.00
5400	EVERETT-AUGHENBAUGH & CO., MINNEAPOLIS, MINN. Eaco Hard Wheat Flour Middlings, --	Honesdale Milling Co., Honesdale,	8.91	19.38	15.50
5592	HECKER-JONES-JEWEL MILLING CO., NEW YORK, N. Y. H-Wheat Middlings with Mill Run of Ground Screenings,	Honesdale Milling Co., Honesdale,	7.39	15.50	15.00
4985	INTERNATIONAL MILLING COM- PANY, MINNEAPOLIS, MINN. Blackhawk Wheat Special Middlings with Ground Screenings not exceed- ing Mill Run,	Cyril Duclos, Patton,	10.01	18.00	16.00
5755	THE LARABEE FLOUR MILLS CO., KANSAS CITY, MO. Winter Wheat Gray Middlings with Ground Screenings,	John A. Roush, Northum- berland,	10.03	17.88	16.00
5542	LYCOMING MILLS, WILLIAMSPORT, PA. Wheat Middlings, -----	Perryville Mills, Cogan Sta- tion,	11.28	16.06	-----
5243	THE MENNEL MILLING CO., TOLEDO, OHIO Mennel's Middlings-Winter Wheat Feed with Ground screenings not exceed- ing Mill Run-Harter,	Adam Deihl Sons, Pitts- burgh,	7.41	17.63	15.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.87	3.51	5.03	4.86	2.10	-----	Wheat flour middlings,	4946
5.26	5.00	6.72	6.00	2.10	Wheat flour middlings with screenings not exceeding mill run.	As certified, -----	5060
4.67	5.00	6.61	6.00	50.00	Wheat flour middlings with screenings not exceeding mill run.	As certified, -----	5574
5.15	5.00	6.02	6.00	2.50	-----	Wheat flour middlings with ground grain screenings.	5708
5.22	5.00	4.31	6.00	54.00	Wheat flour middlings with ground wheat screenings not exceeding mill run.	As certified, -----	5773
4.59	4.00	5.92	7.00	40.00	-----	Wheat flour middlings with ground grain screenings.	5434
4.93	4.00	6.59	9.50	2.25	Wheat standard middlings with ground screenings not exceeding mill run.	Wheat flour middlings with ground grain screenings.	5658
5.25	5.00	7.77	6.00	45.00	Wheat flour middlings with ground screenings not exceeding mill run.	As certified, -----	5152
5.73	4.50	3.66	6.00	49.00	Hard wheat flour middlings	As certified, -----	5400
4.37	5.00	6.61	9.50	39.00	Wheat middlings with mill run ground screenings.	Wheat flour middlings with mill run ground screenings,	5392
4.80	4.00	5.22	5.75	45.00	Wheat special middlings.	Wheat flour middlings with mill run ground screenings,	4985
5.18	3.50	5.71	6.00	2.40	Winter wheat gray shorts with ground wheat screenings not exceeding 8%.	Wheat flour middlings with mill run ground screenings,	5755
4.32	-----	4.43	-----	44.00	-----	Wheat flour middlings	5542
4.47	4.00	5.36	6.50	50.00	Winter wheat feed with ground screenings not exceeding mill run-Harter.	Wheat flour middlings with mill run ground screenings,	5243

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	NATIONAL MILLING CO., TOLEDO, OHIO		%	%	%
5669	Mamieo Wheat Middlings with Wheat Screenings not exceeding Mill Run,	Mt. Roek Milling Co., Lewistown,	9.90	17.38	16.00
4866	Mamieo Wheat Middlings with Wheat Screenings not exceeding Mill Run,	Reedsville Milling Co., Reedsville,	7.32	17.19	17.00
5857	NEW ULM ROLLER MILL CO., NEW ULM, MINN. Compass Pure Wheat Flour Middlings,	Luzerne County Cooperative Association, Inc., Wilkes-Barre,	10.19	19.75	16.00
4970	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN. Pillsbury Hard Wheat Standard B Midds. and Screenings,	W. B. Barnitz, Carlisle,	8.61	17.00	15.00
4862	C. F. PRICE, NEWTON HAMILTON, PA. Pure Wheat Middlings, -----	C. F. Price, Newton Hamilton,	8.45	16.94	-----
5302	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN. Alta Hard Wheat Middlings, -----	J. Allen Williams, California,	9.27	18.31	15.00
5285	D. A. STICKEL & SON, INC., HAGERSTOWN, MD. Stickel's Pure Wheat Flour Middlings,	Lewis Crouse, McConnellsburg,	9.03	15.31	16.00
5635	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN. Gold Medal Hard Wheat Flour Middlings and Wheat Screenings,	E. J. Grimes & Son, Susquehanna,	11.28	18.06	16.00
4950	THE WILLIAMS BROTHERS CO., KENT, OHIO Fancy Winter Wheat Middlings, -----	Oil City Milling Co., Oil City, Average, -----	7.75 9.36	16.31 17.29	16.00 -----
	GRAY SHORTS				
5212	H. C. COLE MILLING CO., CHESTER, ILL. Soft Wheat Middlings with Ground Wheat Screenings not exceeding Mill Run,	West Apollo Milling Co., Apollo,	6.83	16.00	16.00
5286	LAKEVIEW MILLING COMPANY, CHAMBERSBURG, PA. Soft Winter Wheat Middlings, -----	Lewis Crouse, McConnellsburg,	9.34	16.38	15.00
4927	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO Camp's Standard Wheat Middlings, --	G. H. Crist, Blairsville, Average, -----	10.43 8.87	16.75 16.38	15.50 -----
	WHITE SHORTS				
5738	ASH BROTHERS, BRIAR CREEK, PA. Pure Wheat Middlings, -----	Ash Brothers, Briar Creek,	11.87	15.88	13.94
5748	P. E. BINGAMAN & SONS, SELINGROVE, PA. Pure Wheat Middlings, -----	P. E. Bingaman & Sons, Selingrove,	13.21	13.00	16.00
5561	THE BUCKEYE CEREAL COMPANY, MASSILLON, OHIO White Middlings, -----	Platt & Steadman, Spartausburg,	11.74	15.63	15.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.99	3.50	6.91	9.00	2.40	-----	Wheat flour middlings with mill run ground screenings,	4639
5.19	3.50	6.77	9.00	2.30	-----	Wheat flour middlings with mill run ground screenings,	4836
5.70	4.50	5.02	6.00	2.85	Pure wheat flour middlings.	As certified, -----	5857
5.45	4.00	6.78	9.50	-----	Hard wheat standard middlings, ground cleaned wheat screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings,	4970
4.70	-----	5.36	-----	2.40	-----	Wheat flour middlings	4862
4.91	4.50	6.91	8.50	42.00	-----	Wheat flour middlings	5302
4.78	6.00	6.21	4.00	2.30	-----	Wheat flour middlings	5285
4.88	4.00	4.61	6.00	2.60	Hard wheat flour middlings and mill run cleaned ground wheat screenings.	As certified, -----	5635
4.84	4.00	5.85	9.50	43.00	Wheat.	Wheat flour middlings	4950
4.92	-----	5.84	-----	46.00			
4.19	4.00	5.22	6.00	2.20	-----	Wheat gray shorts with mill run ground screenings,	5212
4.66	4.00	5.29	7.00	2.30	-----	Wheat gray shorts,	5236
5.28	5.00	6.41	5.00	2.10	-----	Wheat gray shorts,	4927
4.71	-----	5.64	-----	44.00			
3.83	3.51	4.89	4.86	2.10	-----	Wheat white shorts,	5738
2.99	4.00	2.14	6.00	2.40	-----	Wheat white shorts,	5743
4.11	3.50	4.46	5.50	46.00	-----	Wheat white shorts,	5561

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5669	NATIONAL MILLING CO., TOLEDO, OHIO Mamico Wheat Middlings with Wheat Screenings not exceeding Mill Run,	Mt. Rock Milling Co., Lewistown,	9.90	17.38	16.00
4866	Mamico Wheat Middlings with Wheat Screenings not exceeding Mill Run,	Reedsville Milling Co., Reedsville,	7.32	17.19	17.00
5857	NEW ULM ROLLER MILL CO., NEW ULM, MINN. Compass Pure Wheat Flour Middlings,	Luzerne County Cooperative Association, Inc., Wilkes-Barre,	10.19	19.75	16.00
4970	PILLSBURY FLOUR MILLS CO., MINNEAPOLIS, MINN. Pillsbury Hard Wheat Standard B Midds. and Screenings,	W. B. Barnitz, Carlisle,	8.61	17.00	15.00
4862	C. F. PRICE, NEWTON HAMILTON, PA. Pure Wheat Middlings, -----	C. F. Price, Newton Hamilton,	8.45	16.94	-----
5302	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN. Alta Hard Wheat Middlings, -----	J. Allen Williams, California,	9.27	18.31	15.00
5285	D. A. STICKEL & SON, INC., HAGERSTOWN, MD. Stickel's Pure Wheat Flour Middlings,	Lewis Crouse, McConnellsburg,	9.03	15.31	16.00
5635	WASHBURN-CROSBY COMPANY, MINNEAPOLIS, MINN. Gold Medal Hard Wheat Flour Middlings and Wheat Screenings,	E. J. Grimes & Son, Susquehanna,	11.28	18.06	16.00
4950	THE WILLIAMS BROTHERS CO., KENT, OHIO Fancy Winter Wheat Middlings, -----	Oil City Milling Co., Oil City, Average, -----	7.75 9.36	16.31 17.29	16.00 -----
<u>GRAY SHORTS</u>					
5212	H. C. COLE MILLING CO., CHES- TER, ILL. Soft Wheat Middlings with Ground Wheat Screenings not exceeding Mill Run,	West Apollo Milling Co., Apollo,	6.83	16.00	16.00
5286	LAKEVIEW MILLING COMPANY, CHAMBERSBURG, PA. Soft Winter Wheat Middlings, -----	Lewis Crouse, McConnellsburg,	9.34	16.38	15.00
4927	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO Camp's Standard Wheat Middlings, --	G. H. Crist, Blairsville, Average, -----	10.43 8.87	16.75 16.38	15.50 -----
<u>WHITE SHORTS</u>					
5738	ASH BROTHERS, BRIAR CREEK, PA. Pure Wheat Middlings, -----	Ash Brothers, Briar Creek,	11.87	15.88	13.94
5748	P. E. BINGAMAN & SONS, SELINS- GROVE, PA. Pure Wheat Middlings, -----	P. E. Bingaman & Sons, Selinsgrove,	13.21	13.00	16.00
5561	THE BUCKEYE CEREAL COMPANY, MASSILLON, OHIO White Middlings, -----	Platt & Steadman, Spar- tansburg,	11.74	15.63	15.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.99	3.50	6.91	9.60	2.40	-----	Wheat flour middlings with mill run ground screenings,	5639
5.19	3.50	6.77	9.00	2.30	-----	Wheat flour middlings with mill run ground screenings,	4856
5.70	4.50	5.02	6.00	2.85	Pure wheat flour middlings.	As certified, -----	5857
5.45	4.00	6.78	9.50	-----	Hard wheat standard middlings, ground cleaned wheat screenings not exceeding mill run.	Wheat flour middlings with mill run ground screenings,	4970
4.70	-----	5.36	-----	2.40	-----	Wheat flour middlings	4862
4.91	4.50	6.91	8.50	42.00	-----	Wheat flour middlings	5302
4.78	6.00	6.21	4.00	2.30	-----	Wheat flour middlings	5285
4.88	4.00	4.61	6.00	2.60	Hard wheat flour middlings and mill run cleaned ground wheat screenings.	As certified, -----	5635
4.84	4.00	5.85	9.50	43.00	Wheat.	Wheat flour middlings	4950
4.92	-----	5.84	-----	46.60			
4.19	4.00	5.22	6.00	2.20	-----	Wheat gray shorts with mill run ground screenings,	5212
4.66	4.00	5.29	7.00	2.30	-----	Wheat gray shorts,	5236
5.23	5.00	6.41	5.00	2.10	-----	Wheat gray shorts,	4927
4.71	-----	5.64	-----	44.00			
3.83	3.51	4.89	4.86	2.10	-----	Wheat white shorts,	5738
2.99	4.00	2.14	6.00	2.40	-----	Wheat white shorts,	5748
4.11	3.50	4.46	5.50	46.00	-----	Wheat white shorts,	5561

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	CHATHAM RUN MILLS, LOCK HAVEN, PA.		%	%	%
5362	Pure Wheat Middlings, -----	G. A. Duff, Lock Haven,	11.00	16.44	16.00
	CITY FLOURING MILLS, MUNCY, PA.				
5686	Wheat Middlings, -----	C. L. Herrold, Montgomery,	11.08	17.00	14.00
	CHAS. CROTSLEY, SALTILLO, PA.				
4890	Pure Wheat Middlings, -----	Chas. Crotsley, Saltillo,	10.04	15.94	16.00
	CROUCH BROTHERS COMPANY, ERIE, PA.				
5656	Wheat Standard Middlings with Ground Screenings not exceeding Mill Run,	W. E. Stormer, Reynoldsville,	9.72	16.81	15.00
	LEWIS CROUSE, McCONNELLSBURG, PA.				
5282	Wheat Middlings, -----	Lewis Crouse, McConnellsburg,	10.37	16.06	-----
	B. A. ECKARD MILLING CO., CHICAGO, ILL.				
5341	Wheat Flour Middlings, -----	Victor Milling Co., Point Marion,	7.59	17.31	15.00
	EUREKA ROLLER MILLS, CLARION, PA.				
4996	Wheat Middlings, -----	Eureka Roller Mills, Clarion,	12.32	14.69	14.81
	EVERETT-AUGHENBAUGH & CO., MINNEAPOLIS, MINN.				
4925	E. A. Co. Hard Wheat Flour Middlings,	G. E. Crist, Blairsville,	11.36	20.56	15.50
	SAMUEL FREDERICK ESTATE, CENTER HALL, PA.				
5864	Pure Wheat Middlings, -----	Samuel Frederick Estate, Center Hall,	13.93	13.50	-----
	GOODS CITY MILLS, INC., NEWBERRY, PA.				
5042	Pure Wheat Middlings, -----	Goods City Mills, Inc., Newberry,	11.22	17.63	15.00
	HEFTY MILLING CO., WATSON-TOWN, PA.,				
5729	Wheat Middlings, -----	Hefty Milling Co., Watson-town,	11.17	16.06	16.00
5685	Wheat Middlings, -----	C. L. Herrold, Montgomery,	11.20	16.13	-----
	M. E. HERR, SCHUYLER, PA.				
5690	Wheat Middlings, -----	J. F. Hall & Son, Montgomery,	11.65	15.50	16.00
	HIGHSPIRE FLOUR MILLS, INC., HIGHSPIRE, PA.				
4853	Pure Wheat Middlings, -----	W. W. Kalb, Sunbury,	11.05	14.38	13.00
	LAKEVIEW MILLING CO., CHAMBERSBURG, PA.				
5947	Soft Winter Wheat Middlings, -----	Duffey & Glazier, Webster Mills	12.67	16.00	15.00
	McCULLOCH ROLLER MILLS, HONEY GROVE, PA.				
5878	Pure Wheat Middlings, -----	McCulloch Roller Mills, Honey Grove,	13.52	11.13	-----
	McMULLIN BROTHERS, MILLHEIM, PA.				
5450	Wheat Middlings, -----	McMullin Brothers, Millheim,	9.87	14.13	14.00
	W. H. MANBECK & CO., MIFFLIN, PA.				
5026	Pure Wheat Midds, -----	W. H. Manbeck & Co., Mifflin,	11.91	16.00	-----
	J. N. MEISER, RICHFIELD, PA.				
5384	Wheat Middlings, -----	J. N. Meiser, Richfield,	10.04	13.94	16.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.02	4.00	3.10	6.00	42.00	-----	Wheat white shorts,	5362
4.42	4.00	4.45	6.00	2.30	-----	Wheat white shorts,	5686
4.63	4.00	3.53	6.00	2.60	-----	Wheat white shorts,	4890
4.39	4.50	4.03	8.50	2.35	-----	Wheat white shorts with mill run ground screenings,	5656
3.92	-----	3.73	-----	2.30	-----	Wheat white shorts,	5282
3.70	4.00	3.31	7.00	48.00	-----	Wheat white shorts,	5341
4.39	4.07	4.22	4.20	2.40	-----	Wheat white shorts,	4993
5.07	4.50	3.13	8.00	2.40	-----	Wheat white shorts,	4925
3.17	-----	2.22	-----	2.20	-----	Wheat white shorts,	5864
4.84	3.00	4.50	7.00	38.00	-----	Wheat white shorts,	5042
4.69	5.00	4.47	8.00	2.10	-----	Wheat white shorts,	5729
4.29	-----	4.37	-----	2.30	-----	Wheat white shorts,	5685
3.60	4.50	3.34	6.00	2.75	-----	Wheat white shorts, --	5690
2.98	2.00	3.71	4.00	2.15	-----	Wheat white shorts, --	4853
4.31	4.00	4.32	7.00	2.60	-----	Wheat white shorts, --	5947
2.35	-----	1.32	-----	2.40	-----	Wheat white shorts, --	5863
3.01	5.00	2.73	4.50	2.00	-----	Wheat white shorts, --	5450
4.48	-----	3.48	-----	2.25	-----	Wheat white shorts, --	5026
3.98	4.00	2.56	6.00	2.30	-----	Wheat white shorts, --	5384

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5480	W. S. MEISER, FREEBURG, PA. Pure Wheat Middlings, -----	W. S. Meiser, Freeburg,	11.07	14.69	16.00
5348	MEXICO ROLLER MILLS, MEXICO, PA. Wheat Middlings, -----	Mexico Roller Mills, Mexico,	11.71	12.94	16.00
5502	GEO. Q. MOON & CO., INC., BINGHAMTON, N. Y. Moon's Fresh Ground White Middlings,	Jackson & Hortman, Hop Bottom,	8.97	15.25	15.00
4877	J. N. PROSSER, BEDFORD, PA. Pure Wheat Middlings, -----	J. N. Prosser, Bedford,	11.01	17.56	16.00
5513	GEO. L. REED MILLING CO., INC., BROOKVILLE, PA. Wheat Middlings with Screenings not Exceeding Mill Run,	Geo. L. Reed Milling Co., Inc., Brookville,	11.19	13.25	16.50
5817	THE RICHARDS & EVANS CO., CORTLAND, OHIO Fancy Winter Wheat Middlings, ---	Keystone Supply Company, Jeannette,	11.67	16.31	15.00
5800	I. J. ROHREBAUGH, BEECH CREEK, PA. High Grade Wheat Middlings, -----	L. H. Stephens, Beech Creek,	10.87	15.75	13.00
5025	F. W. STOCK & SONS, HILLSDALE, MICH. Pure Wheat Middlings, -----	W. H. Manbeck & Co., Mifflin,	10.54	14.81	16.00
5934	THREE SPRINGS MILLING CO., THREE SPRINGS, PA. Pure Wheat Middlings, -----	Three Springs Milling Co. Three Springs,	12.79	15.19	-----
4888	THE WHITE MILLING CO., BLOOMSBURG, PA. Wheat Middlings, -----	The White Milling Co., Bloomsburg,	10.12	14.63	14.00
5937	WILLIAMS BROTHERS, PORT MATILDA, PA. Pure Wheat Middlings, -----	Williams Brothers, Port Matilda, Average, -----	12.73 11.25	15.13 15.52	----- -----
	<u>LOW GRADE FLOUR</u>				
5871	J. O. APPLEBY, EAST WATERFORD, PA. Pure Wheat Middlings, -----	J. O. Appleby, East Waterford,	13.98	11.56	-----
4949	BAY STATE MILLING COMPANY, WINONA, MINN. Wingold Low Grade Flour, -----	Oil City Milling Co., Oil City,	8.83	18.56	17.00
5873	W. E. AND R. A. BEERS, ACADEMIA, PA. Pure Wheat Middlings, -----	W. E. & R. A. Beers, Academia,	13.83	14.25	-----
4957	BLAINE, MACKAY, LEE COMPANY, NORTH EAST, PA. Red Dog Wheat Flour, -----	Cooperative Grange Milling Co., Titusville,	9.17	17.56	16.00
5453	Red Dog Wheat Flour, -----	Jacob & Keller Co., St. Marys,	9.77	17.56	16.00
5472	BOYER FEED CO., BEAVER SPRINGS, PA. Pure Wheat Middlings, -----	Boyer Feed Co., Beaver Springs,	10.90	16.38	16.00
5679	BRYANS MILLS, HUGHESVILLE, PA. Wheat Middlings, -----	J. C. Burns, Hughesville,--	12.95	12.44	-----

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.60	4.00	2.46	6.00	2.10	-----	Wheat white shorts, --	5480
4.18	4.00	1.57	6.00	-----	-----	Wheat white shorts, --	5348
3.50	3.50	5.51	7.50	52.00	Wheat middlings.	Wheat white shorts, --	5502
5.23	4.00	2.42	6.00	2.00	-----	Wheat white shorts, --	4877
4.15	5.00	3.68	10.00	2.15	-----	Wheat white shorts, --	5513
3.82	3.00	4.05	10.00	2.50	-----	Wheat white shorts, --	5817
2.70	4.00	1.49	6.00	1.15	-----	Wheat white shorts, --	5360
4.73	4.00	4.91	7.00	2.25	-----	Wheat white shorts, --	5025
4.32	-----	3.82	-----	2.70	-----	Wheat white shorts, --	5034
3.61	4.00	4.04	5.00	2.00	-----	Wheat white shorts, --	4888
4.05	-----	4.41	-----	2.60	-----	Wheat white shorts, --	5937
3.97	-----	3.52	-----	45.41			
2.56	-----	1.10	-----	2.40	-----	Low grade wheat flour	5871
4.46	3.80	2.12	2.70	51.00	Pure hard wheat, -----	Low grade wheat flour	4949
3.46	-----	2.10	-----	2.40	-----	Low grade wheat flour	5373
3.90	4.00	2.89	3.00	56.00	Wheat, -----	Low grade wheat flour	5957
4.11	4.00	2.81	3.00	2.50	-----	Low grade wheat flour	5453
3.70	4.00	2.01	6.00	2.20	-----	Low grade wheat flour	5472
2.25	-----	1.51	-----	42.00	-----	Low grade wheat flour,	5679

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5214	CANNON VALLEY MILLING CO., MINNEAPOLIS, MINN. Cannon Valley Red Dog Pure Wheat Flour,	Gates Granary, Kittanning,	7.54	17.81	16.00
5648	HECKER-JONES-JEWELL MILLING CO., BUFFALO, N. Y. Wheat Red Dog Flour, -----	O. A. Allen, Alderson, ---	10.44	18.50	15.00
4987	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN. Blackhawk Wheat Low Grade Flour, --	Gyrl Duolos, Patton, ----	10.09	16.06	15.50
5426	NORTHWESTERN MILLING CO., MINNEAPOLIS, MINN. Fancy Red Dog Flour, -----	F. M. Timlin, DuBois, ---	9.29	19.13	16.50
5407	PILLSBURY FLOUR MILLS CO., BUFFALO, N. Y. Pillsbury's XX Daisy, -----	C. E. Bates, Honesdale, --	8.73	18.44	16.00
5578	Pillsbury's XX Daisy, -----	A. F. Gault, Bentleyville,--	9.51	17.19	16.00
5296	Pillsbury's XX Daisy, -----	Hedge & Mikesell, Scenery Hill,	7.68	18.94	16.00
5000	Pillsbury's XX Daisy, -----	Mt. Jewett Electric Mills, Mt. Jewett,	8.85	19.13	16.00
4870	C. Y. WAGNER, BELLEFONTE, PA. Pure Wheat Middlings, -----	C. Y. Wagner, Bellefonte, Average, -----	11.01 10.16	17.25 16.92	15.00 -----
<u>MISCELLANEOUS</u>					
5811	CLARO MILLING COMPANY, MINNEAPOLIS, MINN. A Hard Wheat Middlings, -----	J. H. Houser, Dayton, ---	11.06	19.63	15.00
5949	RUSSELL-MILLER MILLING CO., MINNEAPOLIS, MINN. Alta Hard Wheat Middlings, -----	Cooperative Grange Milling Co., Titusville,	11.76	18.94	15.00
4962	Alta Hard Wheat Middlings, -----	M. C. Deitz & Sons, Mechanicsburg,	10.08	18.25	15.00
4913	Alta Hard Wheat Middlings, -----	Edwards Brothers, Byer, --	10.71	18.19	15.00
		Average, -----	10.90	18.75	-----
<u>RYE OFFALS</u>					
<u>RYE MIDDINGS</u> (With ground grain screenings)					
5177	MINER-HILLARD MILLING CO., WILKES-BARRE, PA. Choice Rye Middlings with Screenings not exceeding Mill Run,	Blank & Gottshall Co., Inc., Sunbury,	9.86	15.25	12.00
<u>WHEAT AND RYE OFFALS</u>					
4992	MAUSER MILLING CO., TREICHLERS, PA. Wheat and Rye White Middlings, -----	Union Roller Mills, Hamburg,	10.42	15.44	14.00
<u>OAT BY-PRODUCTS</u>					
<u>OAT FEED.</u>					
5736	THE QUAKER OATS COMPANY, CHICAGO, ILL. Banner Feed, -----	Ash Brothers, Briar Creek,	7.01	14.38	13.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.96	4.00	2.70	4.00	2.50	-----	Low grade wheat flour,	5214
4.88	4.25	2.82	4.00	56.00	Wheat, -----	Low grade wheat flour,	5648
2.75	1.80	0.74	1.50	60.00	Wheat low grade flour, -----	As certified, -----	4987
4.40	4.50	1.65	4.00	1.90	-----	Low grade wheat flour,	5426
4.51	4.00	2.09	4.00	46.00	Wheat red dog, -----	Low grade wheat flour,	5407
4.26	4.00	2.82	4.00	55.00	Red dog, -----	Low grade wheat flour,	5578
4.27	4.00	2.63	4.00	50.00	Wheat red dog, -----	Low grade wheat flour,	5296
5.35	4.00	2.15	4.00	2.65	Wheat red dog, -----	Low grade wheat flour,	5000
4.10	4.00	3.07	7.00	1.90	-----	Low grade wheat flour,	4870
3.93	-----	2.17	-----	49.06			
5.83	4.50	5.64	9.50	2.40	Mill run of standard middlings and red dog.	As certified, -----	5811
5.76	4.50	5.51	8.50	40.00	Mill run standard middlings and flour middlings.	As certified, -----	5949
5.35	4.50	6.40	8.50	-----	Mill run standard middlings and flour middlings.	As certified, -----	4962
5.24	4.50	6.75	8.50	2.15	Mill run standard middlings and flour middlings.	As certified, -----	4913
5.55	-----	6.07	-----	43.67			
2.92	2.50	4.03	5.00	1.70	-----	Rye middlings with ground grain screenings.	5177
3.85	4.00	4.46	6.00	2.10	-----	Wheat and rye middlings.	4992
4.82	4.50	15.67	18.00	1.90	Oatmeal mill by-products, (oat middlings, oat shorts, oat hulls).	As certified, -----	5736

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5626	Banner Feed, -----	L. M. Lewis, Indiana, ----	7.36	13.44	13.00
5767	Vim Feed, -----	Edinboro Cooperative Association, Edinboro,	6.33	5.50	5.00
4990	ROBIN HOOD MILLS, LTD., CALGARY, CANADA	Union Roller Mills, Hamburg,	6.02	6.94	5.50
	Reground Oat Feed, -----	Average, -----	6.68	10.07	-----
<u>OAT GROATS</u>					
5693	KELLOGG COMPANY, DAVENPORT, IOWA	Lycoming Mills, Williamsport,	8.28	14.50	14.00
	Kellogg's Oat Middlings, -----				
<u>ALFALFA MEAL</u>					
4883	THE DENVER ALFALFA MILLING & PRODUCTS CO., LAMAR, COLO.	The White Milling Co., Bloomsburg,	8.27	17.94	20.00
	Alfalfa Leaf Meal, -----	C. E. Bates, Honesdale, --	6.32	14.81	13.00
5411	Alfalfa Meal, -----	Blank & Gottshall Co., Inc., Sunbury,	6.63	13.75	12.00
5905	Alfalfa Meal, -----	A. S. Bowser, Kittanning,	7.05	13.31	12.00
5515	Alfalfa Meal, -----	The Mahoning Valley Milling Co., Punxsutawney,	7.00	15.75	13.00
5038	Alfalfa Meal, -----	H. Rockwell & Son, Canton,	9.49	14.94	12.00
4880	Alfalfa Meal, -----	The White Milling Co., Bloomsburg,	7.71	14.50	12.00
	THE OTTO WEISS MILLING CO., WICHITA, KANSAS				
5650	Otto Weiss Alfalfa Meal, -----	O. A. Allen, Alderson, ----	8.33	14.13	12.00
		Average, -----	7.60	14.89	-----
<u>DRIED BEET PULP</u>					
5460	THE LARROWE MILLING CO., DETROIT, MICH.	Z. L. Brothers, Ebensburg,	7.98	10.19	8.00
	Dried Beet Pulp, -----				
5195	Dried Beet Pulp, -----	Emporium Milling Co., Emporium,	5.18	8.94	8.00
5516	Dried Beet Pulp, -----	The Mahoning Valley Milling Co., Punxsutawney,	7.24	9.44	8.00
4948	Dried Beet Pulp, -----	Oil City Milling Co., Oil City,	4.28	9.25	8.00
5566	Dried Beet Pulp, -----	W. M. Templeton & Sons, Houston,	7.42	8.56	8.00
		Average, -----	6.42	9.28	-----
<u>MIXED FEEDS</u>					
<u>PROPRIETARY DAIRY FEED</u>					
5762	ACME MILLING CO., OLEAN, N. Y. Acme Brand Dairy Ration, -----	Clawson & Co., Kinzua, --	10.19	21.63	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.99	4.50	16.46	18.00	1.65	Oatmeal mill by-products, (oat middlings, oat shorts, oat hulls).	As certified, -----	5626
1.86	2.00	27.16	28.00	20.00	Oatmeal mill by-products, (oat middlings, oat shorts, oat hulls).	As certified, -----	5767
3.24	2.50	22.92	27.90	1.40	-----	Oat feed, -----	4990
3.73	-----	20.55	-----	29.75			
5.01	5.00	3.50	4.00	65.00	Steam cooked oat groats, ---	As certified, -----	5693
2.30	2.50	24.05	18.00	2.75	Made principally from alfalfa leaf.	Alfalfa leaf and stem meal.	4883
1.66	1.00	30.33	33.00	50.00	Alfalfa meal, -----	As certified, -----	5411
1.95	1.00	32.77	35.00	2.10	Alfalfa, -----	Alfalfa meal, -----	5176
1.60	1.00	34.07	35.00	2.60	Alfalfa, -----	Alfalfa meal, -----	5005
1.53	1.00	30.40	33.00	2.65	Alfalfa, -----	Alfalfa meal, -----	5515
1.23	1.00	27.31	35.00	43.00	-----	Alfalfa meal, -----	5038
2.03	1.00	27.31	35.00	2.50	Alfalfa, -----	Alfalfa meal, -----	4830
1.87	1.00	27.97	35.00	2.60	Ground alfalfa hay, -----	As certified, -----	5650
1.77	-----	29.27	-----	49.63			
1.41	0.50	20.44	22.00	2.50	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	5460
0.57	0.50	18.94	22.00	2.30	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	5195
0.89	0.50	20.16	22.00	2.65	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	5516
1.34	0.50	22.29	22.00	41.00	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	4948
0.85	0.50	19.16	22.00	22.00	Composed only of residue of sugar beets dried after extraction of sugar.	As certified, -----	5566
1.01	-----	20.19	-----	42.40			
5.02	5.00	6.87	10.00	47.00	Oil meal, cottonseed meal, corn gluten feed, ground oats, hominy, corn feed meal, wheat mixed feed (with ground screenings not exceeding mill run), and not over 1% salt.	As certified, -----	5762

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5382	THE AKRON FEED & MILLING CO., AKRON, OHIO Dairymen's Mixture, -----	Chester Pollock, Alexan- dria,	6.76	30.44	32.00
5003	Unaflo 24% Dairy Rations, -----	A. S. Bowser, Kittanning,	8.29	23.50	24.00
5381	Unaflo 24% Dairy Rations, -----	Chester Pollock, Alexan- dria,	8.53	22.19	24.00
5045	O. A. ALLEN, ALDERSON, PA. Algrain Dairy Ration, -----	O. A. Allen, Alderson, ----	9.37	24.13	24.00
5223	AMERICAN MILLING CO., PEORIA, ILL. Amco 20% Dairy Rations, -----	S. S. Wetzel, Marion Cen- ter,	8.31	21.50	20.00
5888	Amco 24% Dairy Rations, -----	E. E. Potts, Big Run, ----	10.32	25.31	24.00
5226	Amco 24% Dairy Rations, -----	S. S. Wetzel, Marion Center	9.45	24.81	24.00
5855	Amco 24% Universal Dairy Ration, ----	Luzerne County Coopera- tive Association, Inc., Wilkes-Barre,	9.46	26.19	24.00
5230	Amco 32% Supplement Dairy Ration, --	E. H. Auman, Pine Grove Mills,	7.90	31.88	32.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
6.34	4.00	8.97	9.00	3.00	Cottonseed meal, corn gluten feed, bran, linseed oil meal, distillers' grains, bone meal, cocoanut oil meal, salt and molasses.	As certified, -----	5382
4.72	4.50	9.25	10.00	2.45	Corn gluten feed, wheat bran, wheat middlings, cottonseed meal, linseed oil meal, distillers' dried grain, ground corn, cocoanut oil meal, alfalfa meal, malt sprouts, ½ of 1% salt, cane molasses, brewers' grain, steamed bone meal.	As certified, -----	5003
5.18	4.50	9.30	10.00	2.60		As certified, -----	5381
4.48	4.00	8.33	10.00	48.00	Cottonseed meal, O. P. oil meal, corn gluten feed, gluten meal, corn feed meal, ground oats, wheat bran, wheat middlings and ¾ of 1% salt.	As certified, -----	5045
4.18	4.00	7.62	9.00	2.20	Corn gluten feed, corn gluten meal, cottonseed meal, choice linseed oil meal, O. P., wheat standard bran, hominy feed, ground oats, molasses-cane, bone meal-steamed, ground limestone, salt.	As certified, -----	5223
4.49	4.00	6.65	9.00	2.50	Corn distillers' dried grains, corn gluten feed, corn gluten meal, cottonseed meal-choice, linseed oil meal-O. P., wheat standard bran, hominy feed, corn meal, malt grains, molasses-cane, bone meal-steamed, ground limestone, salt.	As certified, -----	5888
4.28	4.00	7.54	9.00	2.35	Corn gluten feed, corn gluten meal, cottonseed meal-choice, O. P. linseed oil meal, wheat standard bran, hominy feed, ground oats, cane molasses, bone meal-steamed, ground limestone, salt.	As certified, -----	5226
4.97	5.00	7.42	9.00	2.75	Corn distillers dried grains, peanut oil meal-choice, cottonseed meal-choice, linseed oil meal-O. P. corn gluten feed, wheat standard bran, ground oats, hominy feed, molasses-cane, bone meal-steamed, ground limestone, salt.	As certified, -----	5855
4.70	4.50	8.22	9.00	2.65	Corn distillers grains, corn gluten meal, cottonseed meal, linseed oil meal, soy bean oil meal, wheat standard middlings, hominy feed, cane molasses, steamed bone meal, calcium carbonate and salt.	As certified, -----	5230

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5225	Amco 32% Supplement Dairy Ration, --	S. S. Wetzel, Marion Center	7.54	32.50	32.00
5419	American Dairy Ration, -----	Peter Shaffer & Son, New Brighton,	9.41	25.25	24.00
5224	20% National Dairy Rations, -----	S. S. Wetzel, Marion Center	8.67	22.19	20.00
5617	ARCADY FARMS MILLING CO., CHICAGO, ILL. Aready Dairy Feed, -----	West Newton Milling Co., West Newton,	13.10	16.13	16.00
5616	Milker's Ready Ration, -----	West Newton Milling Co., West Newton,	10.80	23.25	22.00
5124	Sweet 16 Dairy Feed, -----	Dayton Milling Co., To- wanda,	11.53	16.75	16.00
4851	Wonder Dairy Ration, -----	W. W. Kalb, Sunbury,	7.45	24.13	24.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.59	4.50	7.21	9.00	2.50	Corn distillers dried grains, corn gluten feed, corn gluten meal, choice cottonseed meal, O. P. linseed oil meal, soy bean oil meal, wheat standard bran, cane molasses, steamed bone meal, ground limestone, salt.	As certified, -----	5225
5.22	4.50	7.00	10.00	2.30	Corn distillers' grains, cottonseed meal-choice, linseed oil meal (O. P.), corn gluten feed, peanut oil meal, choice, dried sugar beet pulp, wheat standard middlings, wheat standard bran, corn feed meal, cane molasses, steamed bone meal, calcium carbonate, salt.	As certified, -----	5419
4.98	4.50	6.99	9.00	2.25	Corn distillers dried grains, linseed oil meal-O. P., cottonseed meal-choice, corn gluten feed, ground oats, wheat standard bran, hominy feed, corn meal, molasses-cane, bone meal-steamed, ground limestone, peanut oil meal-choice, salt.	As certified, -----	5224
3.64	4.00	11.62	12.00	1.90	Wheat bran, wheat middlings, O. P. linseed oil meal, dried grains from barley, malt and corn, corn gluten feed, clean ground and bolted wheat screenings, ground and bolted clipped oat by-product, cottonseed meal, molasses, $\frac{1}{2}$ of 1% salt.	Linseed oil meal and salt not detected. Found also malt sprouts.	5617
5.38	4.00	11.13	11.00	2.15	Corn gluten feed, wheat middlings, wheat bran, O. P. linseed oil meal, corn oil cake meal, corn feed meal, clean ground and bolted wheat screenings, cottonseed meal, dried grains from barley, malt and corn, molasses, $\frac{1}{2}$ of 1% salt.	Salt not detected. Found also malt sprouts.	5616
4.03	4.00	12.14	12.00	37.00	O. P. linseed oil meal, corn gluten feed, clean ground and bolted wheat screenings cottonseed meal, molasses, dried grains from barley, malt and corn, wheat bran, wheat middlings, ground and bolted clipped oat by-products, $\frac{1}{2}$ of 1% salt.	Found also malt sprouts,	5124
5.26	5.00	10.16	10.00	2.50	Cottonseed meal, corn oil cake meal, corn gluten feed, O. P. linseed oil meal, corn feed meal, wheat bran, wheat middlings, dried grains from barley, malt and corn, molasses, alfalfa meal, alfalfa leaf meal, $\frac{1}{2}$ of 1% salt.	As certified, -----	4851

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
5100	J. J. BADENOCH CO., CHICAGO ILL. C-Er-Pay Dairy Feed, -----	Geo. J. News Sons, Blairs-ville,	% 9.24	% 22.00	% 22.00
4977	Circle Bee Dairy Feed, -----	Jas. McNelis, Hastings,	8.86	23.81	24.00
5101	Circle Bee Dairy Feed, -----	Geo. J. New's Sons, Blairs-ville,	9.10	22.88	24.00
5253	Jay Bee Dairy Feed, -----	A. W. Garvin, Pittsburgh,	9.00	24.50	24.00
5541	Jay Bee Dairy Feed, -----	Perryville Mills, Cogan Sta- tion,	9.79	25.00	24.00
5199	Milky Way Dairy Ration, -----	H. J. Cohen, Lewistown,	6.58	19.63	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or evt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.32	4.00	12.04	11.00	2.25	Dried grains from barley, malt and corn, corn gluten meal, corn gluten feed, O. P. linseed oil meal, wheat bran, wheat middlings, cottonseed meal, clean ground and bolted screenings from wheat, oats, barley, corn feed meal, corn oil cake meal, cocoanut oil meal, (copra), calcium carbonate from limestone, molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	5100
5.11	4.00	10.17	11.00	2.75	Wheat bran, wheat middlings, corn gluten meal, cottonseed meal, oat shorts, oat middlings, oat hulls, old process linseed oil meal, dried grains from barley, malt and corn, clean ground and bolted wheat screenings, corn feed meal, ground oats, cocoanut oil meal, calcium carbonate from limestone, 1% bone meal, $\frac{1}{2}$ of 1% salt, molasses.	As certified, -----	4977
5.16	4.00	12.18	11.00	2.50	Wheat bran, wheat middlings, corn gluten meal, cottonseed meal, oat shorts, oat middlings, oat hulls, O. P. linseed oil meal, dried grains from barley, malt and corn, clean ground and bolted wheat screenings, corn feed meal, ground cocoanut oil meal, calcium carbonate from limestone, 1% bone meal, molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	5101
4.83	4.50	8.08	9.00	49.00	Corn gluten feed, dried grains from barley, malt and corn, old process linseed oil meal, cottonseed meal, corn gluten meal, corn feed meal, wheat bran, wheat middlings, ground barley, ground oats, molasses, calcium carbonate from limestone and salt.	As certified, -----	5253
4.63	4.50	8.80	9.00	50.00		As certified, -----	5541
3.89	4.00	13.41	12.00	2.40	Corn gluten feed, dried grains from barley, malt and corn, cottonseed meal, O. P. linseed meal, corn feed meal, wheat bran, wheat middlings, ground oats, oat shorts, oat middlings, oat hulls, calcium carbonate from limestone, salt.	Found also cocoanut oil meal and ground wild oats.	5199

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
5252	Milky Way Dairy Ration, -----	A. W. Garvin, Pittsburgh,	% 8.03	% 20.13	% 20.00
4981	Sweet Honey-Bee Dairy Feed, -----	James McNelis, Hastings,	6.47	16.38	16.00
4909	W. B. BARNITZ, CARLISLE, PA. Cumberland Dairy Feed, -----	W. B. Barnitz, Carlisle,	7.49	21.88	20.00
5546	C. R. BERGER, TROUT RUN, PA. Berger's Milk Producer, -----	C. R. Berger, Trout Run,	9.77	25.09	24.00
5179	BLANK & GOTTSHALL CO., INC., SUNBURY, PA. B. and G. Dairy Ration, -----	Blank & Gottshall Co., Inc., Sunbury,	8.28	19.50	20.00
5178	B. and G. High Protein Dairy Ration,	Blank & Gottshall Co., Inc., Sunbury,	7.45	24.19	24.00
5141	BROWN & FASSETT, TUNKHAN- NOCK, PA. B. and F. Dairy Rations, -----	Brown & Fassett, Tunk- hannock,	6.80	24.31	23.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.05	4.00	11.91	12.00	47.00	Corn gluten feed, dried grains from barley, malt and corn, cottonseed meal, old process linseed oil meal, corn gluten meal, dried beet pulp, corn feed meal, wheat bran, wheat middlings, ground barley, ground oats, oat shorts oat middlings, oat hulls, calcium carbonate from limestone, salt.	As certified, -----	5252
4.45	4.00	11.95	12.00	2.10	Corn gluten feed, cottonseed meal, old process linseed oil meal, corn gluten meal, wheat bran, wheat middlings, cleaned ground and bolted wheat screenings, ground and bolted clipped oat by-products, calcium carbonate from limestone, molasses and salt.	As certified, -----	4981
5.05	4.00	10.02	12.00	-----	Linseed oil meal, cottonseed meal, wheat bran, alfalfa meal, ground oats, corn and cob meal, salt.	As certified, -----	4963
4.09	4.00	7.95	9.00	47.00	Cottonseed meal, oil meal, diamond corn gluten meal, gluten feed, corn feed meal, wheat bran, wheat middlings, buckwheat middlings.	As certified, -----	5546
4.65	5.00	9.81	10.00	2.10	Corn feed meal, wheat bran, buckwheat middlings, corn gluten feed, corn gluten meal, ground oats, linseed meal, cottonseed meal, salt, calcium carbonate, bone and dried brewers grains.	As certified, -----	5179
4.67	5.00	7.95	9.00	2.20	Corn feed meal, buckwheat middlings, corn gluten meal, linseed meal, cottonseed meal, wheat bran, 1% salt, 1% calcium carbonate, 1% steamed bone meal, dried brewers grains.	As certified, -----	5173
4.75	5.00	8.31	10.00	45.00	Cottonseed meal, old process linseed oil meal, corn gluten feed, wheat bran, wheat middlings, hominy, ground oats, bone, charcoal, calcium sulphate, calcium carbonate, calcium phosphate, potassium iodide, 1% salt.	As certified, -----	5141

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Protein		
			Moisture	Found	Guaranteed
			%	%	%
5581	CANNONSBURG MILLING CO., CANNONSBURG, PA. CMC Beet Pulp Feed, -----	Cannonsburg Milling Co., Cannonsburg,	8.63	20.81	20.00
5580	CMC Dairy Feed, -----	Cannonsburg Milling Co., Cannonsburg,	8.01	25.63	24.00
5912	CHAMPION MILLING & GRAIN COMPANY, CLINTON, IOWA Penco Special 20% Dairy Ration, -----	James A. Kase, Danville,	10.52	22.54	20.00
5915	Penco Special 24% Dairy Ration, ----	James A. Kase, Danville,	10.31	25.10	24.00
5910	Penco 32% High Protein Supplement, --	James A. Kase, Danville,	9.35	31.38	32.00
5913	Penco 20% Milk Maker Dairy Ration,--	James A. Kase, Danville,	10.44	22.44	20.00
5914	Penco 24% Milk Maker Dairy Ration,--	James A. Kase, Danville,	9.77	23.25	24.00
5464	CHAPIN & CO., CHICAGO, ILL. Ajax Dairy Ration 20%, -----	Z. L. Brothers, Ebensburg,	8.91	21.88	20.00
5551	Ajax Dairy Ration 24%, -----	Center Milling Co., Phillips- burg,	9.77	24.56	24.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.01	4.00	8.83	10.00	46.00	Beet pulp, ground oats, corn meal, bran, oil meal, cottonseed meal, corn gluten feed, calcium carbonate, salt.	As certified, -----	5581
4.95	4.00	8.21	8.00	48.00	Corn meal, ground oats, bran, gluten, middlings, oil meal, cottonseed meal, calcium carbonate and salt.	As certified, -----	5580
4.21	4.00	8.87	8.00	2.45	Corn gluten feed, standard bran, corn meal, ground oats, molasses, cottonseed meal, 43%, alfalfa meal, bone meal, salt, calcium carbonate.	As certified, -----	5912
4.80	4.50	8.05	8.00	2.55	Corn gluten feed, standard bran, corn meal, ground oats, molasses, cottonseed meal, 43%, alfalfa meal, linseed oil meal (O. P.), bone meal, salt, calcium carbonate.	As certified, -----	5915
6.32	5.00	7.39	9.00	2.90	Corn gluten meal, linseed oil meal, O. P., standard wheat bran, brewers dried grains, peanut meal, cottonseed meal, 43%, cane molasses, bone meal, salt, calcium carbonate.	As certified, -----	5910
4.44	4.50	7.44	9.00	2.55	Corn gluten feed, standard wheat bran, yellow corn meal, ground oats, cane molasses, cottonseed meal 43%, peanut meal, brewers dried grains, linseed oil meal, O. P., bone meal, salt, calcium carbonate.	As certified, -----	5913
5.52	5.00	7.88	9.00	2.70	Corn gluten feed, cottonseed meal 43%, linseed oil meal, O. P., brewers dried grains, standard wheat bran, yellow corn meal, standard middlings (wheat), ground oats, cane molasses, peanut meal, salt, calcium carbonate, bone meal.	As certified, -----	5914
4.44	4.50	10.31	12.00	2.50	Cottonseed meal, linseed meal, dried brewers grains, corn oil meal, corn gluten feed, wheat bran, wheat middlings, hominy meal, molasses, salt, 1% calcium carbonate, bone, charcoal, wheat bran and wheat middlings containing screenings not exceeding mill run.	As certified, -----	5464
4.56	4.50	8.72	12.00	3.00	Cottonseed meal, linseed meal, corn gluten meal, dried brewers grains, corn oil meal, corn gluten feed, wheat bran, wheat middlings, hominy meal, molasses, salt, bone charcoal, (wheat bran and wheat middlings contain screenings not exceeding mill run).	As certified, -----	5551

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
4879	Ajax Dairy Ration 24%, -----	The White Milling Co., Bloomsburg,	9.89	25.46	24.00
5465	Unicorn Dairy Ration, -----	Z. L. Brothers, Ebensburg,	8.05	24.13	24.00
5548	Unicorn Dairy Ration, -----	Centre Milling Co., Philips- burg,	8.18	24.06	24.00
5006	Unicorn Dairy Ration, -----	J. A. Gault Co., Kittan- ning,	7.43	24.38	24.00
4881	Unicorn Dairy Ration, -----	The White Milling Co., Bloomsburg,	6.53	24.38	24.00
5705	COOPERATIVE G. L. F. EXCHANGE, INC., BUFFALO, N. Y. G. L. F. Milk Maker, -----	Andre & Sweet, Montrose,	9.59	24.81	24.00
5621	DAYTON GRAIN & HAY COMPANY, DAYTON, OHIO Gem City Dairy Rations, -----	Joseph Zilka & Brother, Monessen,	7.20	23.13	24.00
5130	DAYTON MILLING CO., TOWANDA, PA. Dayton's 20% Dairy Ration with Min- erals,	Dayton Milling Co., To- wanda,	7.52	21.69	20.00
5080	DEERFIELD MILL, KNOXVILLE, PA. Deerfield Dairy Ration, -----	Deerfield Mill, Knoxville,	8.51	24.38	22.00
5089	THE ALBERT DICKINSON COMPANY CHICAGO, ILL. Dickinson's Globe Milk Producer with Molasses,	Grampion Milling Co., Grampion,	9.55	25.44	24.00
5211	Dickinson's Globe Milk Producer with Molasses,	West Apollo Milling Co., Apollo,	7.88	24.13	24.00
5083	Dickinson's My Lasie Dairy Feed, ----	Grampion Milling Co., Grampion,	9.99	18.31	16.00
5210	Dickinson's My Lasie Dairy Feed, ----	West Apollo Milling Co., Apollo,	7.94	18.25	16.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.50	4.50	8.05	12.00	2.50	Cottonseed meal, linseed meal, corn gluten meal, dried brewers grains; corn oil meal, corn gluten feed, wheat bran, wheat middlings, hominy meal, molasses, 1% calcium carbonate, bone charcoal, wheat bran and wheat middlings contain screenings not to exceed mill run.	As certified, -----	4870
5.53	5.00	8.68	10.00	2.60	{ Cottonseed meal, corn gluten meal, linseed meal, corn gluten feed, brewers grains, corn oil meal, wheat bran, hominy meal, calcium carbonate, bone charcoal and salt.	As certified, -----	5465
5.85	5.00	9.03	10.00	3.25		As certified, -----	5518
5.63	5.00	8.67	10.00	2.65		As certified, -----	5006
5.99	5.00	7.11	10.00	2.60		As certified, -----	4881
4.66	4.00	7.63	9.00	44.40	Corn distillers dried grains, corn gluten feed, diamond corn gluten meal, cottonseed meal (choice), linseed oil meal—O. P., wheat bran (may contain mill run screenings), hominy feed and corn meal, malt grains, molasses—cane, bone meal—steamed, ground limestone and salt.	As certified, -----	5705
4.93	5.50	9.44	10.00	2.50	Corn distillers dried grains, cottonseed meal, corn gluten feed, corn feed meal, ground oats, wheat middlings, wheat bran, linseed meal, salt.	Found also brewers' dried grains and malt sprouts.	5621
4.80	4.00	7.82	10.00	45.00	Oil meal, cottonseed meal, gluten corn meal, bran, ground oats, 1% steamed bone meal, 1% calcium carbonate and 1% salt.	As certified, -----	5130
4.10	4.00	8.84	11.00	43.00	Cottonseed meal, wheat middlings, corn meal, corn gluten feed, wheat bran, ground oats, 1% salt, 1% calcium carbonate, linseed oil meal.	Found also wild oats	5080
4.64	4.50	8.40	10.00	2.75	{ Corn gluten feed, brewers dried grains, wheat bran, wheat middlings, linseed oil meal, cottonseed meal, soy bean oil meal, ground oats, molasses, 1% bone meal, 1% calcium carbonate, 1% salt.	As certified, -----	5083
4.51	4.50	8.13	10.00	2.60		As certified, -----	5211
4.01	4.00	7.50	12.00	2.30	{ Old process linseed oil meal, cottonseed meal, corn gluten feed, wheat bran, 1% salt, ground and bolted grain screenings, corn feed meal, molasses, 1% calcium carbonate.	As certified, -----	5083
4.00	4.00	7.36	12.00	2.20		As certified, -----	5210

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5318	EASTERN STATES FARMERS' EX- CHANGE, SPRINGFIELD, MASS. Eastern States Fulpaill Dairy Ration,---	T. W. Harris, East Water- ford,	9.09	20.94	20.00
5024	ELLIS FLOUR & FEED MILLS, IN- DIANA, PA. Ellis Dairy Rations 20% Protein, -----	Ellis Flour & Feed Mills, Indiana,	11.53	19.13	20.60
5069	JOHN W. ESHELMAN & SONS, LANCASTER, PA. Eshelman's Golden Rod 25 Dairy Feed,	C. B. Rutter, Lansford,	10.03	25.06	25.00
5719	Eshelman's Pennsy 16 Dairy Feed, ---	The Hex Milling Co., Shamokin,	10.23	18.25	16.00
5718	Eshelman's Red Rose 24 Dairy Feed,---	The Hex Milling Co., Shamokin,	9.25	26.31	24.00
5391	FARMERS SYNDICATE, INC., CORTLAND, N. Y. Farmers' Syndicate 26% Dairy Ration,	Honesdale Milling Co., Honesdale,	6.33	27.06	26.00
5221	PETER GRAFF MILLING CO., WORTHINGTON, PA. Yockeys Home Made Cow Feed, -----	Peter Graff Milling Co., Worthington,	6.10	24.19	24.00
5441	HECKER H-O COMPANY, INC., BUFFALO, N. Y. Algrane Read The Tag Dairy Feed, ---	Clyde D. Duffee, Oil City,	7.84	20.81	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.55	4.00	8.02	8.00	2.52	Corn gluten feed, choice yellow hominy, O. P. linseed oil meal—pure, E. S. pure ground oats, standard wheat bran, cottonseed meal—choice, corn distillers dried grains, standard wheat middlings, molasses, steamed bone meal, calcium carbonate, salt.	As certified, -----	5313
4.63	4.00	5.46	10.00	2.50	Wheat bran, wheat middlings, corn gluten, corn meal, ground oats, linseed oil meal, cottonseed meal and 1% salt.	Found also buckwheat middlings.	5024
5.58	5.00	9.26	11.00	2.00	Wheat bran, wheat middlings, corn gluten feed, dried brewers grains, coconut oil meal, cottonseed meal, O. P. oil meal, ground oats, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	As certified, -----	5069
5.12	3.00	10.53	11.00	1.90	Corn gluten feed, dried brewers grains, cottonseed meal, cane molasses, coconut oil meal, O. P. oil meal, oat meal mill by-products (oat middlings, oat hulls, oat shorts), reground grain screenings from wheat, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	As certified, -----	5719
5.69	4.00	9.44	11.00	2.50	Wheat bran, wheat middlings, corn gluten feed dried brewers grains, coconut oil meal, cottonseed meal, O. P. oil meal, cane molasses, reground grain screenings from wheat, $\frac{1}{2}\%$ calcium carbonate, $\frac{1}{2}\%$ salt.	As certified, -----	5718
6.19	5.00	8.13	9.00	47.00	Cottonseed meal, old process linseed oil meal, corn gluten feed, corn gluten meal, corn distillers dried grains, wheat bran, wheat middlings, corn meal, hominy, $\frac{1}{2}$ of 1% salt, $\frac{1}{2}$ of 1% calcium phosphate combined.	Corn meal not detected Found also small amount ground screenings.	5391
5.90	6.00	7.29	8.00	2.15	Wheat bran, wheat middlings, oil meal, cottonseed meal, corn chop, oats chop, salt.	As certified, -----	5221
4.48	4.00	9.04	9.50	2.75	Cottonseed meal, corn gluten feed, linseed oil meal, corn meal, hominy feed, ground barley, wheat middlings with mill run screenings, molasses, $\frac{3}{4}$ of 1% salt, oat hulls and oat shorts and over 225 pounds per ton, $\frac{3}{4}$ of 1% calcium carbonate.	As certified, -----	5441

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	HEFTY MILLING CO., WATSON-TOWN, PA.		%	%	%
5733	Dairy Feed, -----	Hefty Milling Co., Watson-town,	8.99	26.31	20.00
5010	A. DALE HILL, VANDERGRIFT, PA. Best of All Dairy Feed, -----	A. Dale Hill, Vandergrift,	7.16	22.50	22.00
5676	KASCO MILLS, INC., WAVERLY, N. Y. Kaseo Mormilk Dairy Ration, -----	J. C. Burns, Hughesville,	9.84	25.13	25.00
4902	Kaseo Mormilk Dairy Ration, -----	W. W. Feick & Co., Kutz-town,	8.22	25.25	25.00
5324	Kasco 32% Dairy Feed, -----	M. D. Miller, Mingoville,	7.68	32.35	32.00
5813	THE KIESER MILLING CO., TOLEDO, OHIO Beatsall Milk Grains, -----	Keystone Supply Co., Jean-nette,	9.61	25.13	22.00
5075	KNOXVILLE MILLS, KNOXVILLE, PA. Knoxville Dairy Ration, -----	Knoxville Mills, Knoxville,	9.24	24.69	22.00
5413	THE LADISH COMPANY, MIL-WAUKEE, WIS. Aeto 16½% Sweet Dairy Feed, -----	C. E. Bates, Honesdale, --	10.94	17.19	16.50
5819	THE LARROWE MILLING CO., DETROIT, MICH. Larro The Ready Ration for Dairy Cows,	Wm. H. Dreibelbis, Shoe-makersville,	10.46	22.19	20.00
5637	Larro The Ready Ration for Dairy Cows,	E. J. Grimes & Son, Sus-quehanna,	8.83	21.44	20.00
4918	Larro The Ready Ration for Dairy Cows,	Hetrick & Wilson, Indiana,	7.24	22.63	20.00
4873	Larro The Ready Ration for Dairy Cows,	J. E. Prosser, Bedford, --	6.16	21.06	20.00
5805	Larro the Ready Ration for Dairy Cows,	Swope Brothers, Johns-town,	9.65	22.19	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.65	5.00	9.37	10.00	2.20	Cottonseed meal, wheat bran, wheat middlings, ground oats, linseed oil meal, ground corn, brewers' grains, malt sprouts, corn gluten feed, $\frac{1}{2}$ of 1% salt.	As certified, -----	5733
5.67	5.00	10.26	11.00	2.40	Wheat bran and middlings with screenings not exceeding mill run, ground corn and oats by-products, cottonseed meal, corn gluten feed, O. P. linseed oil meal, ground limestone and salt, dried beet pulp and palm oil.	As certified, -----	5010
4.41	5.00	8.88	9.00	48.00	-----	Wheat bran, wheat middlings, linseed oil meal, cottonseed meal, corn gluten feed and salt.	5676
5.48	5.00	7.96	9.00	2.50	Wheat middlings, wheat bran, linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, $\frac{3}{4}$ of 1% salt.	As certified, -----	4902
6.23	5.00	10.08	9.00	2.65	-----	Brewers' dried grains, corn gluten feed, cottonseed meal, linseed oil meal, wheat bran and salt.	5324
5.59	4.50	8.76	10.00	2.65	Wheat middlings, wheat bran, O. P. linseed oil meal, corn gluten feed, cottonseed meal, hominy feed, $\frac{3}{4}$ of 1% salt, dried beet pulp.	Found also ground oats.	5813
4.54	5.00	8.41	10.00	42.00	Corn gluten feed, cottonseed meal, O. P. oil meal, wheat bran, wheat middlings, dried brewers' grains, ground oats, ground corn, 1% calcium carbonate and $\frac{3}{4}$ % salt.	As certified, -----	5075
3.39	3.50	11.05	12.00	34.00	Corn gluten feed, prime cottonseed meal, wheat bran, ground and bolted grain screenings, oat middlings, oat shorts, oat hulls, molasses, 1% calcium carbonate and 1% salt.	Salt and calcium carbonate not detected.	5413
4.06	4.00	11.74	12.00	2.50	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, standard wheat bran, standard wheat middlings, dried beet pulp, $\frac{3}{4}$ % salt.	As certified, -----	5819
4.30	4.00	10.98	12.00	2.50		As certified, -----	5637
4.55	4.00	11.14	12.00	2.60		As certified, -----	4918
4.40	4.00	10.80	12.00	2.50		As certified, -----	4873
4.01	4.00	9.32	12.00	54.00		As certified, -----	5895

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	LINESVILLE MILLING CO., LINESVILLE, PA.		%	%	%
5592	24% Special More Milk Ration, -----	Linesville Milling Co., Linesville,	9.19	24.06	24.00
	LYCOMING MILLS, WILLIAMS-PORT, PA.				
5694	Dairy Feed, -----	Lycoming Mills, Williamsport,	10.36	24.13	24.00
	THE McMILLEN COMPANY, FORT WAYNE, IND.				
5288	Jumbo Dairy Feed, -----	Wm. Carrell & Son, Bag-galey,	10.41	17.31	16.00
5359	Jumbo Dairy Feed, -----	I. J. Rohrbaugh, Beech Creek,	8.60	16.56	16.00
5751	Wayne Dairy Feed, -----	P. E. Bingaman & Sons, Selinsgrove,	8.94	25.94	24.00
5180	Wayne Dairy Feed, -----	Burnside Roller Mills, Burnside,	6.47	27.19	24.00
5123	Wayne Dairy Feed, -----	Cochranon Cooperative Association, Cochranon,	8.84	26.50	24.00
5534	Wayne Dairy Feed, -----	Geo. DeArmitt, Petersburg,	10.20	25.13	24.00
5493	Wayne Dairy Feed, -----	Mifflinburg Milling Co., Mifflinburg,	8.59	26.56	24.00
5845	Wayne Dairy Feed, -----	Milroy Grain & Supply Co., Milroy,	9.92	24.75	24.00
5311	Wayne Dairy Feed, -----	E. F. Spahr & Co., Roscoe,	8.06	26.25	24.00
5163	Wayne Dairy Feed, -----	Floyd Vandervort, Laceyville,	8.60	24.56	24.00
5365	Wayne Dairy Feed, -----	E. E. Wentz, Lock Haven,	9.30	25.44	24.00
5752	Wayne Special 32% Farm Mix Dairy Ration,	P. E. Bingaman & Sons, Selinsgrove,	8.99	32.00	32.00
5132	Wayne Special 32% Farm Mix Dairy Ration,	Cochranon Cooperative Association, Cochranon,	7.37	32.94	32.00
5492	Wayne Special 32% Farm Mix Dairy Ration,	Mifflinburg Milling Co., Mifflinburg,	8.23	31.56	32.00
5839	Wayne Special 32% Farm Mix Dairy Ration,	Milroy Grain & Supply Co., Milroy,	9.87	33.31	32.00
5162	Wayne Special 32% Farm Mix Dairy Ration,	Floyd Vandervort, Laceyville,	8.72	33.69	32.00
	MARITIME MILLING CO., INC., BUFFALO, N. Y.				
5521	Bull Brand Dairy Ration, -----	Henry Gass Sons, Reading,	8.30	26.31	24.00
5368	Bull Brand Dairy Ration, -----	Stephen E. Seidel, Hamburg,	7.50	24.33	24.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.11	4.00	8.43	10.00	48.00	Gluten feed, C. S. Meal, O. P. oil meal, bran, corn meal or hominy, molasses, corn distillers' grains, toasted wheat feed (wheat bran processed), calcium carbonate, steamed bone meal, salt.	As certified, -----	5592
4.57	4.50	7.47	8.50	46.00	Corn gluten feed, wheat bran, wheat middlings (with mill run of screenings), old process linseed oil meal, cottonseed meal and salt.	As certified, -----	5694
3.01	3.50	12.64	12.00	2.00	Malt sprouts, brewers' dried grains, wheat bran, cottonseed meal, linseed oil meal, corn feed meal, oat hulls, oat shorts, oat middlings, ground screenings from wheat, oats, barley and Kaffir, molasses, 1% salt, 1% bone meal.	As certified, -----	5283
3.53	3.50	10.97	12.00	2.35		As certified, -----	5359
3.91	4.00	10.22	11.00	2.55	Malt sprouts, brewers' dried grains, cocoanut oil meal, corn gluten feed, wheat bran, standard wheat middlings, alfalfa meal, cottonseed meal, linseed oil meal, molasses, 1% salt, 1% bone meal.	As certified, -----	5751
4.36	4.00	10.08	11.00	2.80		As certified, -----	5180
4.25	4.00	8.94	11.00	46.00		As certified, -----	5133
4.64	4.00	10.76	11.00	-----		As certified, -----	5534
4.34	4.00	9.85	11.00	2.55		As certified, -----	5493
3.79	4.00	8.27	11.00	2.40		As certified, -----	5845
4.44	4.00	8.59	11.00	48.80		As certified, -----	5311
4.42	4.00	10.17	11.00	48.00		As certified, -----	5163
4.12	4.00	9.37	11.00	50.00		As certified, -----	5365
4.72	4.00	8.62	9.50	2.70		As certified, -----	5752
4.43	4.00	8.80	8.50	49.00	Cottonseed meal, corn gluten meal, corn gluten feed, linseed oil meal, cocoanut oil meal, malt sprouts, brewers' dried grains, wheat bran, cane molasses, 1% salt, 1% bone meal.	As certified, -----	5132
4.39	4.00	8.38	9.50	2.75		As certified, -----	5492
4.19	4.00	7.80	8.50	2.50		As certified, -----	5839
4.42	4.00	9.78	8.50	50.00		As certified, -----	5162
5.41	6.00	9.62	12.00	47.00	Dried brewers' grains, dried malt grains, linseed oil meal, cottonseed meal, corn gluten feed, hominy feed, cocoanut oil meal, wheat bran, wheat middlings, calcium carbonate, steamed bone meal, $\frac{2}{3}$ of 1% salt, wheat bran and wheat middlings may contain ground screenings not exceeding mill run.	As certified, -----	5521
5.27	6.00	10.07	12.00	2.50		As certified, -----	5368

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5482	THE MIFFLINBURG FARMERS EXCHANGE, INC., MIFFLINBURG, PA. Farmer's Dairy Cow Milk Producer, ---	The Mifflinburg Farmers Exchange, Inc., Mifflinburg,	9.41	21.63	20.00
5481	Farmer's Own Dairy Mix, -----	The Mifflinburg Farmers Exchange, Inc., Mifflinburg,	9.04	28.13	25.00
5506	GEO. Q. MOON & CO., INC., BINGHAMTON, N. Y. Moon's 24% Dairy Ration, -----	Jackson & Hortman, Hop Bottom,	8.65	24.44	24.00
5412	MOSES BROTHERS CO., INC., EATON, N. Y. 3 MMM Dairy Ration, -----	C. E. Bates, Honesdale, --	9.03	25.19	24.00
5467	MT. ROCK MILLING CO., LEWISTOWN, PA. Mt. Rock Dairy Feed, -----	Mt. Rock Milling Co., Lewistown,	8.91	21.88	20.00
5206	NOWAK MILLING CORPORATION, BUFFALO, N. Y. Domino 24½% Dry Dairy Feed, -----	Farmers Supply Co., Saltsburg,	6.18	25.44	24.50
5905	Domino 32% Protein Mixing Dairy Feed,	Kresge & Mattern, Lehigh-ton,	9.50	35.31	32.00
5208	Fidelity Dairy Feed, -----	Farmers Supply Co., Saltsburg,	7.09	21.13	20.00
1934	THE PARK & POLLARD COMPANY, BUFFALO, N. Y. Bet-R-Milk Ration, -----	Wm. McClenahan, Center Hall,	5.61	20.31	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.84	3.50	7.50	8.00	2.15	Ground corn, ground oats, gluten feed, wheat bran, linseed oil meal, 43% cottonseed meal and salt.	As certified, -----	5482
4.71	4.50	8.43	8.00	2.30	Cottonseed meal, oil meal, gluten feed, bran, salt.	As certified, -----	5481
4.71	5.00	8.07	10.00	46.00	Corn distillers' grains, old process oil meal, corn gluten meal, cottonseed meal, corn gluten feed, corn meal, wheat middlings and wheat bran (with ground screenings not exceeding mill run), $\frac{3}{4}$ of 1% salt, dried brewers' grains, calcium carbonate.	As certified, -----	5506
5.94	5.00	8.00	10.00	44.00	Cottonseed meal, old process linseed oil meal, wheat bran, wheat middlings with ground screenings not exceeding mill run, corn gluten feed, corn feed meal, dried brewers' grains, or malt grains, and salt.	As certified, -----	5412
5.38	4.00	9.06	9.00	2.20	Ground barley, ground oats, corn feed meal, wheat bran and middlings, corn gluten, linseed oil meal, cottonseed meal, brewers' grains, soy bean meal, and salt.	Found also ground wild oats.	5667
4.70	5.00	9.99	10.00	2.50	Cottonseed meal, linseed oil meal, corn feed meal, corn gluten feed, ground oats, wheat bran, malt sprouts, dried yeast grains from barley, malt, corn, malt sprouts, oat malt, 2% calcium carbonate, $\frac{3}{4}$ of 1% salt.	As certified, -----	5206
4.73	4.50	7.54	10.00	2.75	Cottonseed meal, corn, gluten meal, O. P. linseed oil meal, brewers' dried grains, yeast grains from barley, malt, malt sprouts, $\frac{3}{4}$ of 1% salt, 2% calcium carbonate and molasses.	As certified, -----	5605
4.52	4.00	7.85	11.00	2.35	Cottonseed meal, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, $\frac{3}{4}$ of 1% salt, calcium carbonate and beet pulp.	As certified, -----	5208
4.84	5.00	9.03	10.00	2.25	Distillers dried grains, O. P. linseed meal, oil meal, cottonseed meal, hominy feed, fine ground grain screenings, ground fish, wheat bran, ground oats, molasses, calcium carbonate, salt and gluten meal.	Found also ground Kafir corn	4934

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
4858	Milk Maid 24% Dairy Ration, -----	W. P. Searer, Lewistown,	7.42	23.63	24.00
4993	Stevens 44 Sweetened Dairy Ration, --	Eureka Roller Mills, Clarion	9.21	23.44	24.00
5046	Stevens 44 Sweetened Dairy Ration, ---	F. E. Farabaugh, Patton,	7.87	26.50	24.00
5714	Stevens 44 Sweetened Dairy Ration, ---	Shamokin Milling Co., Shamokin,	10.70	25.94	24.00
5763	W. H. PARKER, WATERFORD, PA. LeBoeuf Dairy Feed, -----	W. H. Parker, Waterford,	9.34	23.31	22.00
5904	PRATT FOOD COMPANY, PHILADELPHIA, PA. Pratt's Supreme Dairy Ration, -----	Kresge & Mattern, Lehigh- ton,	9.66	25.00	24.00
5604	Pratt's XXX Supreme Dairy Ration, --	Farmers Supply Co., Salts- burg,	9.00	20.19	20.00
5258	Pratt's XXX Supreme Dairy Ration, --	Homestead Fruit & Produce Co., Munhall,	8.44	20.56	20.00
5901	Pratt's Victory Dairy Ration, -----	G. Bostert & Sons, Johns- town,	9.99	17.81	16.00
5032	PRESTONS INCORPORATED, CANTON, PA. Preston's Milk Producer, -----	Prestons Incorporated, Can- ton,	10.27	24.38	24.00
4909	THE QUAKER OATS CO., CHICAGO, ILL. Quaker's Big Q 20% Protein Dairy Ration,	Star Milling Co., Clymer,	6.53	21.88	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.47	5.00	11.94	11.00	2.70	Corn distillers grain, old process linseed meal, cottonseed meal, gluten feed, wheat bran, wheat middlings (and containing mill run of screenings), ground oats, corn meal, calcium carbonate and salt.	As certified, -----	4858
4.80	5.00	9.35	12.00	2.60	Linseed oil meal, cottonseed meal, corn gluten feed, corn gluten meal, cocoanut oil meal, corn distillers dried grains, malt sprouts, brewers' dried grains, wheat bran with mill run of screenings, corn meal, ground oats, ground barley, molasses, calcium carbonate and salt.	As certified, -----	4903
5.83	5.00	9.49	12.00	2.75		As certified, -----	5046
4.74	5.00	9.26	12.00	2.85		As certified, -----	5714
5.68	4.50	8.35	9.00	45.00	Gluten feed, oil meal (old process), ground oats, hominy or corn meal, cottonseed meal 43%, middlings, bran, may contain mill run screenings, salt, calcium carbonate.	As certified, -----	5763
4.37	4.00	8.94	10.50	2.60	Cottonseed meal, O. P. linseed oil meal, corn gluten feed, brewers dried grain, wheat bran, wheat middlings, cocoanut oil meal, 1% salt.	As certified, -----	5904
6.50	4.00	8.56	11.50	2.75	Dried beet pulp, corn gluten feed, cottonseed meal, O. P. linseed oil meal, cocoanut oil meal, wheat bran, wheat middlings, corn feed meal and 1% salt.	As certified, -----	5674
5.17	4.00	7.90	11.50	55.00		As certified, -----	5258
4.91	4.00	9.32	10.50	-----	Cottonseed meal, corn gluten feed, O. P. linseed oil meal, cocoanut oil meal, wheat bran, wheat middlings, ground grain screenings from wheat, 1% salt.	Found also buckwheat,	5901
5.67	5.00	8.22	9.00	44.00	Oil meal, cottonseed meal, gluten feed, ground oats, corn meal, hominy, bran, 1% salt.	As certified, -----	5052
4.02	3.25	10.90	12.00	2.50	Hominy feed, yellow hominy feed, barley meal, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-products (oat middlings, oat shorts, oat hulls) molasses.	As certified, -----	4909

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
4945	Quaker's Boss 24% Protein Dairy Ration	Ash Brothers, Briar Creek,	5.73	26.44	24.00
5476	Quaker's Boss 24% Protein Dairy Ration	J. W. Herman, Beaver Springs,	9.02	24.88	24.00
5020	Quaker's Boss 24% Protein Dairy Ration	L. M. Lewis, Indiana,	8.39	26.57	24.00
5418	Quaker's Boss 24% Protein Dairy Ration	Peter Shaffer & Sons, New Brighton,	9.11	25.50	24.00
QUISENBERY FEED MANUFACTURING CO., BUFFALO, N. Y.					
5007	Quisenberry Quality Creamery Feed, -	S. M. Griffith, Rossiter,	8.93	23.44	25.00
4999	Quisenberry Quality Creamery Feed, -	Mt. Jewett Electric Mills, Mt. Jewett,	7.83	23.38	25.00
RALSTON PURINA CO., INC., ST. LOUIS, MO					
4901	Purina Cow Chow Feed, -----	W. W. Feick & Co., Kutztown,	7.04	26.00	24.00
4867	Purina Cow Chow Feed, -----	C. Y. Wagner, Bellefonte,	10.72	24.05	24.00
4900	Purina Special 34% Cow Chow Feed, -	W. W. Feick & Co., Kutztown,	9.45	33.61	34.00
GEO. L. REED MILLING CO., INC., BROOKVILLE, PA.					
5512	Cow Feed, -----	Geo. L. Reed Milling Co., Inc., Brookville,	9.66	21.38	20.00
H. F. RIESER, WEST LEESPORT, PA.					
5759	Dairymens Ration, -----	J. M. Kershner, Shoemakersville,	8.96	25.00	24.00
H. ROCKWELL & SON, CANTON, PA.					
5036	Rockwell's High Protein Dairy Ration,	H. Rockwell & Son, Canton,	9.61	22.13	24.00
SHERMAN MILLING CO., MEADVILLE, PA.					
5828	Sherman's Economy Milk Maker, ----	Sherman Milling Co., Meadville,	10.13	22.94	22.00
STOFFLET MILLING CO., PEN ARGYLE, PA.					
5378	Special Dairy Feed, -----	W. R. Bisbing, Tannersville,	9.77	21.13	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.44	4.00	9.86	10.50	2.50	Hominy feed, yellow hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, oatmeal mill by-products (oat middlings, oat shorts, oat hulls), $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal and molasses.	As certified, -----	4945
4.92	4.00	10.66	10.50	2.50		As certified, -----	5476
4.67	4.00	8.61	10.50	2.50		As certified, -----	5020
5.10	4.00	9.39	10.50	2.30		As certified, -----	5418
6.71	5.00	9.41	10.00	2.70	Dried brewers grain, distillers grains, corn gluten feed, O. P. oil meal, hominy feed, wheat middlings, wheat bran, cottonseed meal, corn meal, calcium carbonate, not more than 1% salt and charcoal.	As certified, -----	5607
5.78	5.00	9.72	10.60	2.65		As certified, -----	4909
4.61	4.00	11.22	12.00	2.50	Linseed meal, gluten feed, hominy feed, corn feed meal, cottonseed meal, molasses, ground alfalfa, wheat middlings, 1% salt.	As certified, -----	4901
5.10	4.00	11.62	12.00	2.50		As certified, -----	4867
4.60	3.50	10.11	12.00	2.70	Linseed meal, gluten meal, cottonseed meal, ground alfalfa, molasses, 1% salt.	As certified, -----	4900
5.00	4.00	7.35	11.00	2.65	Cottonseed meal, old process oil meal, gluten feed, oats chop, corn chop, wheat bran with screenings not exceeding mill run, wheat middlings, red dog flour, 1% salt.	As certified, -----	5512
4.97	5.00	9.02	10.00	2.60	Corn gluten feed, prime cottonseed meal, O. P. linseed oil meal, dried brewers grains, wheat bran, ground corn and oats, wheat middlings and $\frac{1}{2}$ % of fine table salt.	As certified, -----	5759
5.49	5.00	9.74	9.00	44.00	Ground oats, corn meal, hominy feed, gluten feed, old process linseed oil meal, cottonseed meal, wheat bran (which may contain mill run screenings), and salt.	As certified, -----	5036
4.46	5.00	5.85	10.00	47.00	Old process oil meal, corn gluten feed, ground oats, cottonseed meal, wheat middlings, corn meal, wheat bran, $\frac{1}{2}$ of 1% fine table salt.	As certified, -----	5828
5.00	5.00	7.10	9.00	2.55	Wheat bran, cob meal, crushed oats, cottonseed meal, gluten meal, oil meal, salt.	As certified, -----	5378

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
5800	SWOPE BROTHERS, JOHNSTOWN, PA. State College Dairy Ration, -----	Swope Brothers, Johnstown,	% 9.97	% 22.19	% 21.00
5696	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y. Or-Co High Grade Sweet Feed, -----	H. J. Kane, Montrose,	10.54	15.75	15.00
5746	Red Brand Ti-O-Ga Dairy Feed, -----	H. L. Garrison & Brother, Berwick,	9.10	26.13	24.00
5695	Red Brand Ti-O-Ga Dairy Feed, -----	M. J. Kane, Montrose,	9.86	26.30	24.00
5675	Red Brand Ti-O-Ga Dairy Feed, -----	Geo. H. Myers, Muncy Valley,	6.53	26.00	23.00
5697	White Brand Ti-O-Ga Dairy Feed, ----	M. J. Kane, Montrose,	9.91	22.44	20.00
5674	White Brand Ti-O-Ga Dairy Feed, ----	Geo. H. Myers, Muncy Valley,	10.63	23.13	20.00
5213	THE TOLEDO GRAIN & MILLING CO., TOLEDO, OHIO Camp's Red Ball Milk Mash, -----	Gates Granary, Kittanning,	8.11	15.25	16.00
5073	THE UBIKO MILLING CO., CINCINNATI, OHIO Fourex Dairy Ration, -----	H. Z. Pride & Son, Westfield,	9.47	15.88	16.50
5554	Sun Beam Dairy Ration, -----	Nickle Plate Flour Mills, Westerville,	9.30	26.44	24.00
4959	Ubiko Special Dairy Ration, -----	Mack Brothers, Titusville,	10.37	22.75	20.00
5420	Ubiko Special Dairy Ration, -----	A. M. Pitzer & Son, New Wilmington,	11.60	22.31	20.00
5806	Ubiko 32 Dairy Feed, -----	Hamilton & Alters, Parnassus,	9.98	31.31	32.00
5861	Ubiko 32 Dairy Feed, -----	Milroy Grain & Supply Co., Milroy,	8.10	33.13	32.00
5072	Ubiko 32 Dairy Feed, -----	H. Z. Pride & Son, Westfield,	8.63	30.00	32.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.60	5.00	7.54	10.00	53.00	Corn, oats, barley, wheat germ middlings, bran, gluten feed, oil meal, cottonseed meal, beet pulp, alfalfa meal, brewers grains, salt.	As certified, -----	5890
4.28	3.50	12.09	10.00	40.00	Cottonseed meal, ground feed and grain screenings, corn gluten feed, wheat bran, cane molasses, malt sprouts, salt 1%, cocoa oil meal.	As certified, -----	5696
5.10	4.50	8.17	10.00	2.00	Brewers' grains, cane molasses, cocoanut oil meal, wheat bran, cottonseed meal, corn gluten feed, wheat middlings, linseed oil meal, peanut oil meal, cocoanut oil meal, salt 1%	As certified, -----	5746
5.49	4.50	8.33	10.00	47.00		As certified, -----	5695
5.28	4.50	8.31	10.00	2.50		As certified, -----	5675
5.83	4.50	7.54	10.00	46.00	Wheat middlings, cane molasses, wheat bran, linseed oil meal, corn gluten feed, cocoanut oil meal, cottonseed meal, corn meal, salt 1%.	As certified, -----	5897
4.54	4.50	7.45	10.00	2.45		As certified, -----	5674
4.78	4.00	4.65	8.00	3.75	Corn feed meal, wheat bran, wheat middlings, ground oats, fine alfalfa meal, meat scraps, linseed oil meal, milk albumen and sprinkling of charcoal.	As certified, -----	5213
5.63	3.50	15.17	12.00	35.00	Choice cottonseed meal, corn gluten feed, corn meal, ground and bolted grain screenings, wheat bran, molasses and salt, oat feed, (oat hulls, oat shorts, oat middlings).	Found also small amount small whole weed seeds, broken flaxseeds and flax pods.	5073
4.85	4.00	10.84	12.00	45.00	Corn gluten feed, O. P. linseed meal, choice cottonseed meal, brewers' dried grains, wheat bran and middlings (with mill run screenings), hominy meal, ground oats, molasses, calcium carbonate and salt.	As certified, -----	5551
5.70	4.50	8.43	9.00	43.00	Corn gluten feed, corn distillers' dried grains, O. P. linseed oil meal, choice cottonseed meal, standard wheat bran, hominy meal, ground oats, molasses, calcium carbonate and salt.	Salt not detected, ----	4950
5.11	4.50	7.79	9.00	2.25		As certified, -----	5420
5.63	5.50	10.36	10.00	2.75	Corn distillers' grains, brewers' grains, choice cottonseed meal, O. P. linseed meal, corn gluten feed, wheat bran, calcium carbonate, salt and molasses.	Found also malt sprouts.	5803
5.64	5.50	9.95	10.00	2.60		As certified, -----	5861
6.10	5.50	10.00	10.00	53.00		As certified, -----	5072

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
4966	Union Grains Ubiko Biles Ready Dairy Ration,	M. C. Deitz & Sons, Mechanicsburg,	6.62	25.63	24.00
5807	Union Grains Ubiko Biles Ready Dairy Ration,	Hamilton & Alters, Parnassus,	9.51	24.63	24.00
4849	Union Grains Ubiko Biles Ready Dairy Ration,	W. W. Kalb, Sunbury,	6.77	24.69	24.00
5524	Union Grains Ubiko Biles Ready Dairy Ration,	A. J. Kern, Slatington,	9.69	24.50	24.00
5862	Union Grains Ubiko Biles Ready Dairy Ration,	Milroy Grain & Supply Co., Milroy,	9.33	24.13	24.00
5421	Union Grains Ubiko Biles Ready Dairy Ration,	A. M. Pitzer & Son, New Wilmington,	8.08	25.56	24.00
	FLOYD VANDERVORT, LACEY-VILLE, PA.				
5159	Vandervort's Dairy Ration, 16%, ----	Floyd Vandervort, Laceyville,	10.50	19.06	16.00
5160	Vandervort's Dairy Ration, 25%, ----	Floyd Vandervort, Laceyville,	9.76	23.13	25.00
	C. Y. WAGNER, BELLEFONTE, PA.				
4872	Wagner's Dairy Feed, -----	C. Y. Wagner, Bellefonte,	5.10	22.56	22.00
	F. S. WERTZ & SON, READING, PA.				
5600	Wertz's Faramel Dairy Feed, -----	Berger & Brother, Bernville,	9.50	22.69	23.00
5335	Wertz's Faramel Dairy Feed, -----	H. M. Jones, Philadelphia,	13.96	19.00	22-23
5823	Wertz's Faramel Dairy Feed, -----	F. S. Wertz & Son, Reading,	10.91	23.00	23.00
5824	Wertz's Tulpehocken 20% Dairy Feed, --	F. S. Wertz & Son, Reading,	11.09	22.25	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.22	5.00	8.69	10.00	-----	Corn distillers' dried grains, choice cottonseed meal, O. P. linseed meal, white wheat middlings, winter wheat bran, hominy meal, corn gluten feed, brewers' dried grains, $\frac{1}{2}\%$ fine table salt.	As certified, -----	4963
4.89	5.00	8.79	10.00	2.65		As certified, -----	5807
6.09	5.00	9.21	10.00	2.45		As certified, -----	4849
4.21	5.00	9.33	10.00	2.60		As certified, -----	5524
5.10	5.00	9.29	10.00	2.50		As certified, -----	5862
5.45	5.00	7.99	10.00	2.40		Found also unscreened flaxseed oil feed.	5421
4.78	4.50	6.60	11.00	48.60	Ground corn, ground oats, wheat bran, brown middlings, corn gluten feed, red dog flour, alfalfa meal and high grade meat scraps.	As certified, -----	5159
4.66	5.50	7.05	8.00	44.00	Corn meal, ground oats, wheat bran, wheat middlings, linseed oil meal, cottonseed meal, hominy, gluten feed and $\frac{1}{2}$ of 1% salt.	As certified, -----	5160
4.80	4.00	10.99	13.00	2.20	Corn and oats chop, bran, gluten feed, oil meal, cottonseed meal, alfalfa and salt.	As certified, -----	4872
3.75	4.00	9.64	8.00	2.40	Linseed oil meal, gluten feed, brewers' dried grains, wheat bran, molasses, 1% salt and Oberco mineral mixture, (bone charcoal, calcium phosphate, calcium sulphate, calcium carbonate, sodium chloride, potassium iodide).	As certified, -----	5609
3.27	3-4	8.69	8-9	3.00	Linseed oil meal, gluten feed, brewers' dried grains, wheat bran, molasses and 1% salt.	As certified, -----	5335
4.13	4.00	10.72	8.00	50.00	Linseed oil meal, gluten feed, brewers' dried grains, wheat bran, molasses, 1% salt and Oberco Mineral Mixture, (bone charcoal, calcium sulphate, calcium carbonate, calcium phosphate, sodium chloride, potassium iodide).	Found also malt sprouts,	5823
4.00	4.00	11.18	11.00	44.00	Cottonseed meal, malt sprouts, corn gluten feed, O. P. linseed meal, wheat bran, alfalfa meal, wheat middlings, ground grain sere nigs, coconut oil meal, cane molasses, $\frac{1}{2}$ of 1% salt, 3% Oberco Mineral (bone charcoal, calcium sulphate, calcium carbonate, calcium phosphate, sodium chloride, potassium iodide).	Found also ground barley, small amount small whole weed seeds.	5824

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5825	Wertz's 24% Dairy Feed, -----	F. S. Wertz & Son, Reading,	9.91	23.63	24.00
	<u>PROPRIETARY STOCK, HORSE AND</u>				
	<u>MULE FEED</u>				
	THE AKRON FEED & MILLING CO., AKRON, OHIO				
5004	Portage Horse Feed, -----	Evan H. McBroom, Derry,	8.34	8.50	9.00
5002	Portage Stock Feed, -----	A. S. Bowser, Kittanning,	8.43	9.88	8.00
5342	Portage Stock Feed, -----	Victor Milling Co., Point Marion	7.63	10.50	8.00
	ALFALFA FEED MILLS, CHAS. SCHAAL'S SONS, PHILADELPHIA, PA.				
5273	Empire Horse Feed, -----	Charles Schaal's Sons, Philadelphia,	10.34	7.25	5.50
5274	Special Horse Feed, -----	Charles Schaal's Sons, Philadelphia,	12.72	10.25	9.00
	THE AMERICAN MILLING CO., PEORIA, ILL.				
5853	Amco Arab Horse Feed, -----	Luzerne County Cooperative Association, Inc., Wilkes-Barre,	10.85	10.63	10.00
5330	Amco Horse Feed, -----	George K. Craig, Philadelphia,	10.98	9.19	9.00
5229	Amco Horse Feed, -----	S. S. Wetzel, Marion Center,	9.41	10.44	9.00
5928	Amco June Pasture, -----	R. J. Noonan, Philadelphia,	15.99	10.77	10.00
5887	Amco June Pasture, -----	E. E. Potts, Big Run,	17.14	10.53	10.00
	J. J. BADENOCH CO., CHICAGO, ILL.				
5103	Badenoch's Special Stock Feed, -----	Geo. J. News Sons, Blairsville,	9.18	10.69	8.00
5238	Gloskoat Horse Feed, -----	S. B. Floyd & Son, Pittsburgh,	13.92	8.31	8.00
5814	Gloskoat Horse Feed, -----	Keystone Supply Co., Jeanette,	16.42	11.22	8.50
5803	Gloskoat Horse Feed, -----	Linders Feed Store, New Kensington,	16.21	10.04	8.50

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.95	4.00	9.89	10.00	36.50	Corn gluten meal, cottonseed meal, wheat bran, wheat middlings, O. P. linseed meal, ground grain screenings, alfalfa meal, coconut oil meal, malt sprouts, cane molasses, $\frac{1}{2}$ of 1% salt, 3% Oberco Mineral (bone charcoal, calcium sulphate, calcium phosphate, calcium carbonate, sodium chloride, potassium iodide).	Found also small amount small whole weed seeds.	5825
3.66	2.50	9.40	12.00	2.00	Crimped oats, cracked corn, crimped barley, alfalfa meal, molasses.	As certified, -----	5094
3.01	3.00	12.51	12.00	1.80	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	Barley not detected. Found also cottonseed meal and molasses. Yellow corn present.	5002
2.94	3.00	11.91	12.00	40.00		Barley not detected. Found also cottonseed meal and molasses. Yellow corn present.	5312
2.07	1.50	9.59	10.00	33.00	Cracked corn, crushed oats, chipped oat by-products, alfalfa meal, molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	5273
3.04	3.00	8.43	10.00	37.00	Crushed oats, cracked corn, alfalfa meal, molasses and 1% salt.	As certified, -----	5274
2.31	2.00	10.29	14.00	2.55	Cracked corn, crimped oats, alfalfa meal—choice, molasses—beet.	As certified, -----	5853
3.16	2.50	6.66	9.00	2.50	Cracked corn, crimped oats, alfalfa meal—choice, molasses cane, salt.	As certified, -----	5330
3.64	2.50	5.85	9.00	2.05		As certified, -----	5229
0.50	0.50	15.37	21.00	2.45	Choice alfalfa meal and beet molasses.	As certified, -----	5928
0.53	0.50	14.20	21.00	2.15		As certified, -----	5887
3.83	3.00	12.13	12.00	1.75	Corn feed meal, oat middlings, oat shorts, oat hulls, wheat middlings, ground barley, ground wheat screenings, calcium carbonate from limestone and salt.	As certified, -----	5103
2.17	1.50	12.14	15.00	37.00	Cracked corn, crushed oats, alfalfa meal, molasses, salt,	As certified, -----	5238
1.93	1.50	10.44	15.00	2.55		As certified, -----	5814
2.34	1.50	10.03	15.00	2.50		As certified, -----	5803

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
4978	Velvet Stock Feed, -----	Jas. McNelis, Hastings,	7.75	8.75	9.00
5102	Velvet Stock Feed, -----	Geo. J. News Sons, Blairsville,	5.65	10.25	9.00
5333	H. BEIDLER & CO., PHILADELPHIA, PA. Meece Horse Feed, -----	H. Beidler & Co., Philadelphia,	14.31	7.73	5.00
5334	Trefoil Horse Feed, -----	H. Beidler & Co., Philadelphia,	7.07	10.31	5.00
5082	THE ALBERT DICKINSON CO., CHICAGO, ILL. Dickinson's Globe Horse Feed Heavy Grain Mix,	Grampion Milling Co., Grampion,	9.69	11.25	10.00
5106	Dickinson's Globe Horse Feed Medium Grain Mixture,	Hudson & Kuhn, Greensburg,	8.12	11.06	9.00
5209	Dickinson's Globe Horse Feed Without Alfalfa,	West Apollo Milling Co., Apollo,	8.03	10.44	10.00
5279	DIETRICH & GAMBRILL, INC., FREDERICK, MD. Pet Horse Feed, -----	Charles Heiber & Co., Philadelphia,	19.05	6.53	7.00
5257	THE DIXIE MILLS CO., EAST ST. LOUIS, ILL. Dixota Feed, -----	Groh Brothers, Etna, -----	9.47	11.00	10.00
5930	JOHN W. ESHELMAN & SONS, LANCASTER, PA. Eshelman's Garden Spot Horse Feed,--	Clifford Walker, Philadelphia,	13.86	8.67	7.00
5065	Eshelman's Laneaster Stock Feed, ----	C. B. Rutter, Lansford, --	9.98	10.06	10.00
5337	Eshelman's Red Rose 85 Horse Feed, --	Edmond F. Hanley, Philadelphia,	10.10	9.13	9.00
5259	Speeial Mixture, -----	Chas. H. Longcope, Philadelphia,	26.41	7.40	5.00
5261	FLORY MILLING COMPANY, BANGOR, PA. Blue Mountain Horse Feed, -----	George K. Craig, Philadelphia,	7.77	9.50	7.00
5032	Buzz Horse Feed, -----	Joe Weber, Philadelphia, --	11.79	5.74	6.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.10	3.00	11.87	12.00	2.50	Ground oats, ground barley, corn feed meal or hominy feed, wheat middlings, oat middlings, oat shorts, oat hulls, calcium carbonate from limestone and salt.	Hominy feed present,	4973
3.75	3.00	9.52	12.00	2.00	Ground oats, ground barley, corn feed meal or hominy feed, wheat middlings, oat middlings, oat shorts, oat hulls, calcium carbonate from limestone.	Corn feed meal present,	5102
2.85	1.00	9.34	20.00	1.85	Cracked corn, oats, alfalfa meal and molasses.	As certified, -----	5333
4.96	1.00	12.99	12.10	1.80	Cracked corn, rolled mill oats, cut hay, alfalfa meal, cane molasses.	As certified, -----	5334
3.95	3.20	7.45	9.00	2.75	Cracked corn, crushed oats, linseed oil meal, molasses, alfalfa meal, 1% salt.	As certified, -----	5082
2.73	2.50	11.67	15.00	2.80	Cracked corn, crushed oats, linseed oil meal, molasses, alfalfa meal, salt.	As certified, -----	5106
3.52	3.50	6.13	8.00	2.25	Cracked corn, crushed oats, linseed oil meal, molasses, 1% salt.	As certified, -----	5209
2.15	2.00	10.86	12.10	27.00	Cracked corn, crushed oats, oat feed (oat hulls and middlings), oat clips by-products, bran molasses and $\frac{1}{2}$ 1% salt.	As certified, -----	5279
3.94	3.50	7.15	9.00	43.00	Cracked corn, crushed oats, ground alfalfa, old process linseed oil meal, molasses, 1% salt.	As certified, -----	5257
2.67	2.00	10.20	10.00	2.25	Cracked corn, crushed oats, cane molasses, clipped oat by-product, oat hulls, $\frac{1}{2}$ of 1% salt.	Salt not detected, ---	5930
3.42	3.00	11.18	10.00	2.25	Corn feed meal, wheat middlings, hominy feed, ground oats, oat meal mill by-products (oat middlings, oat hulls, oat shorts), $\frac{1}{2}$ of 1% salt.	As certified, -----	5065
3.95	3.00	6.29	10.00	2.25	Cracked corn, crushed oats, cane molasses, alfalfa meal, $\frac{1}{2}$ 1% salt.	Salt not detected, ---	5337
2.52	2.00	10.76	11.00	1.75	Clipped oat by product and cane molasses.	As certified, -----	5259
2.95	2.00	10.64	11.00	1.95	Cracked corn, crimped oats, clipped oat by-products, molasses, 1% salt.	As certified, -----	5261
1.33	1.50	14.33	12.00	2.40	Cracked corn, crimped oats, alfalfa meal, clipped oat by-products, reground grain screenings, molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	5032

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5927	Flory's Horse Feed, -----	E. F. Hanley, Philadelphia,	13.69	8.85	9.00
5931	Record Horse Feed, -----	Joe Weber, Philadelphia, --	12.70	7.78	7.00
5268	Vio Horse Feed, -----	Orr Kole Co., Philadelphia,	10.08	8.25	6.00
	A. S. HELLER & SON, STROUDS- BURG, PA.				
5909	Heller's Horse Feed, -----	A. S. Heller & Son, Strouds- burg,	11.71	11.63	10.00
	THE McMILLEN COMPANY, FORT WAYNE, IND.				
5182	Jumbo Stock Feed, -----	Burnside Roller Mills, Burnside,	8.00	8.50	8.00
5289	Jumbo Stock Feed, -----	Wm. Carroll & Son, Bag- galey,	8.84	9.38	8.00
5290	Wayne Special Horse Feed, -----	Wm. Carroll & Son, Bag- galey,	8.66	10.13	9.00
5453	Wayne Special Horse Feed, -----	Klepser Brothers, Altoona,	17.28	9.19	9.00
	MARITIME MILLING CO., INC., BUFFALO, N. Y.				
5369	Bull Brand Stock Feed, -----	Stephen E. Seidel, Ham- burg,	6.92	9.31	9.50
	GEO. Q. MOON & CO., INC., BING- HAMTON, N. Y.				
5498	Old Times Horse Feed, -----	Jackson & Hortman, Hop Bottom,	9.18	11.13	8.50
	NOWAK MILLING CORPORATION, BUFFALO, N. Y.				
5267	Fidelity Stock Feed, -----	Farmers Supply Co., Salts- burg,	7.36	8.75	8.00
	THE PARK & POLLARD CO., BUF- FALO, N. Y.				
5043	P. and P. Stock Feed, -----	F. E. Farabaugh, Pat- ton,	7.63	8.75	8.00
4907	P. and P. Stock Feed, -----	Thomas K. George, Homer City,	7.05	9.06	8.00
	PRAIRIE STATE MILLING CO., CHICAGO, ILL.				
5239	Emerald Horse Feed, -----	S. B. Floyd & Son, Pitts- burgh,	13.01	7.50	9.00
5352	Emerald Horse Feed, -----	New Florence Flour Mills, New Florence,	15.40	7.28	8.00
5236	Lexington Horse Feed, -----	Rice Feed Company, Pitts- burgh,	12.23	7.31	8.00
5624	Prairie State Stock Feed, -----	Western Flour Company, Monessen,	10.20	8.81	8.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.91	2.50	8.56	10.00	2.50	Cracked corn, crimped oats, alfalfa meal, molasses, 1% salt.	As certified, -----	5927
2.93	2.00	10.42	11.00	2.05	Cracked corn, crimped oats, alfalfa meal, molasses and 1% salt.	As certified, -----	5931
2.62	2.00	11.94	12.00	1.90	Cracked corn, crimped oats, alfalfa meal, clipped oat by-products, molasses, $\frac{1}{2}$ of 1% salt.	As certified, -----	5268
4.44	4.50	5.00	8.00	2.25	Corn, oats, rye feed, hominy feed and barley meal.	As certified, -----	5909
4.21	3.00	10.09	12.00	2.25	{ Ground corn, ground oats, ground barley, corn feed meal, oat hulls, oat middlings, oat shorts, ground screenings from wheat, oats, barley, Kafir.	As certified, -----	5182
3.60	3.00	11.12	12.00	1.90		As certified, -----	5289
3.25	3.00	8.38	10.00	2.25	{ Rolled corn, rolled oats, alfalfa, molasses.	As certified, -----	5290
3.40	3.00	6.73	10.00	2.75		As certified, -----	5053
4.15	3.50	13.45	10.00	2.20	Hominy feed, corn feed meal, wheat bran, ground oats, oat hulls, oat shorts, $\frac{3}{4}$ of 1% salt (wheat bran may contain mill run of ground screenings).	As certified, -----	5369
4.21	4.50	6.93	9.00	45.00	Corn, oats, -----	As certified, -----	5498
3.73	3.00	11.34	12.00	1.95	Ground oats, corn feed meal, hominy feed, wheat middlings, salt $\frac{1}{2}$ of 1%, oat middlings, oat shorts and oat hulls.	As certified, -----	5207
4.38	2.50	8.98	12.00	2.25	{ Ground barley, ground corn, ground oats, hominy feed, oat hulls, oat middlings, oat shorts, calcium carbonate and salt.	As certified, -----	5043
5.61	2.50	10.92	12.00	2.00		As certified, -----	4907
2.34	2.50	9.98	12.00	37.00	{ Crimped oats, cracked corn, crimped barley, alfalfa meal and molasses.	As certified, -----	5239
2.24	2.00	9.09	12.00	2.40		As certified, -----	5352
2.44	2.50	13.13	12.00	35.60	Crimped oats, cracked corn, barley, reground oat feed, (oat shorts, oat hulls), flax plant by-products, alfalfa meal and molasses.	As certified, -----	5236
2.25	2.50	11.77	12.00	2.00	Corn feed meal, white hominy feed, wheat middlings, ground barley, reground oat feed (oat shorts and oat hulls), not over 1% salt.	As certified, -----	5624

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	PRATT FOOD COMPANY, HAMMOND, IND.		%	%	%
5603	Pratt's Horse Feed with Alfalfa, -----	Farmers Supply Co., Saltsburg,	8.36	8.25	9.00
5346	Pratt's Utility Horse Feed, -----	D. J. Turner, Clarksville,--	11.59	6.45	6.50
	THE QUAKER OATS CO., CHICAGO, ILL.				
5338	Quaker Green Cross Horse Feed, -----	R. J. Noonan, Philadelphia,	6.84	11.31	10.00
4938	Quaker Schumacher Feed, -----	Ash Brothers, Briar Creek,	4.32	10.50	10.00
5467	Quaker Sugared Schumacher Feed, ---	Z. L. Brothers, Ebensburg,	9.12	10.00	10.00
5475	Quaker Sugared Schumacher Feed, ---	J. W. Herman, Beaver Springs,	7.76	10.31	10.00
5466	White Diamond Stock Feed, -----	Z. L. Brothers, Ebensburg,	9.70	8.31	8.50
5114	White Diamond Stock Feed, -----	P. D. Snabely, Bedford,	8.46	7.50	8.50
	RALSTON-PURINA CO., INC., ST. LOUIS, MO.				
5623	Plymouth Stock Feed, -----	Joseph Zilka & Brother, Monessen,	9.73	6.94	7.00
5386	Purina Bulky-Las Feed, -----	J. N. Meiser, Richfield,	6.59	11.25	9.00
4895	Purina Bulky-Las Feed, -----	C. J. Miller, Calcium,	13.38	13.41	9.00
5117	Purina Bulky-Las Feed, -----	P. D. Snabely, Bedford,	7.94	12.19	9.00
4882	Purina Bulky-Las Feed, -----	The White Milling Co., Bloomsburg,	14.09	10.44	9.00
5118	Purina O-Molene Feed, -----	P. D. Snabely, Bedford,	9.22	10.94	9.70
5343	Purina O-Molene Feed, -----	Victor Milling Co., Point Marion,	8.40	11.00	9.70

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
2.28	2.50	11.56	14.00	2.50	Cracked corn, crushed oats, ground alfalfa, molasses, $\frac{3}{4}$ of 1% salt.	As certified, -----	5603
2.13	1.50	9.49	12.00	45.00	Cracked corn, oats, molasses, alfalfa meal, oat feed, oat middlings, oat hulls, $\frac{3}{4}$ of 1% salt.	As certified, -----	5346
2.79	2.50	11.87	12.00	2.40	Cracked corn, crushed oats, cottonseed meal, alfalfa meal, oat meal mill by-products, oat middlings, oat shorts, oat hulls, $\frac{3}{4}$ of 1% salt, molasses.	Salt not detected, ----	5338
3.31	3.25	12.13	12.00	2.10	Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, linseed meal, low grade wheat flour, wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-products, oat middlings, oat shorts, oat hulls, $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal.	As certified, -----	4938
3.67	3.25	11.49	12.00	2.30	{ Ground corn, hominy feed, yellow hominy feed, barley meal, cottonseed meal, linseed meal, low grade wheat flour, wheat middlings with ground wheat screenings not exceeding mill run, oat meal mill by-products, oat middlings, oat shorts, oat hulls, $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal, molasses.	As certified, -----	5467
3.41	3.25	11.15	12.00	2.40		As certified, -----	5475
3.04	2.50	9.66	12.00	2.40	{ Ground corn, hominy feed, oat meal mill by-products, oat middlings, oat shorts, oat hulls, $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal.	As certified, -----	5476
2.59	2.50	9.97	12.00	2.20		As certified, -----	5114
1.36	2.00	13.76	12.00	2.00	Corn feed meal, ground barley, ground oats, reground oat feed, (oat hulls and oat shorts), calcium carbonate and 1% salt.	As certified, -----	5623
2.00	2.00	14.60	15.00	2.30	-----	Wheat bran and middlings, linseed oil meal, cottonseed meal, alfalfa meal, beet pulp, ground oats, molasses and salt.	5383
2.24	2.00	11.66	15.00	2.10	{ Wheat bran, beet pulp, ground alfalfa, molasses, ground grain screenings and salt.	Found also oats, -----	4805
2.01	2.00	12.14	15.00	2.25		As certified, -----	5117
2.02	2.00	12.14	15.00	2.25		As certified, -----	4882
3.50	3.20	8.77	9.00	2.60	{ Cracked corn, crushed oats, molasses, linseed meal, ground alfalfa, 1% salt.	As certified, -----	5118
3.64	3.20	8.30	9.00	49.00		As certified, -----	5343

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	JACOB TRINLEY & SONS, LINFIELD, PA.		%	%	%
5262	Favorite Horse Feed, -----	George K. Craig, Philadelphia,	8.61	8.13	7.00
5228	Melo Horse Feed, -----	Cannon's Brothers, Philadelphia,	9.01	7.06	6.00
5263	Real 85% Horse Feed, -----	Geo. K. Craig, Philadelphia,	9.07	10.00	10.00
	WALTON BROTHERS, PHILADELPHIA, PA.				
5267	W. B. Special Horse Feed, -----	G. J. Steinmeyer, Philadelphia,	13.27	7.20	6.00
	F. S. WERTZ & SON, READING, PA.				
5336	Wertz A-1 Horse Feed, -----	H. M. Jones, Philadelphia	12.60	8.51	10.00
5329	Wertz Dandy Horse Feed, -----	Morris Green, Philadelphia,	15.71	6.15	6.00
5929	Wertz Dandy Horse Feed, -----	Alfred B. Mason, Philadelphia,	16.17	8.70	6.00
5206	Wertz Horse and Mule Feed with alfalfa,	Greer Brothers, Philadelphia,	10.20	10.38	9.00
5926	Wertz Horse and Mule Feed with alfalfa,	H. M. Jones, Philadelphia,	13.29	9.71	9.00
	FRANK T. WOODCOCK, PHILADELPHIA, PA.				
5332	Mixed Feed, -----	Frank T. Woodcock, Philadelphia,	13.63	7.26	7.00
	<u>PROPRIETARY CALF MEAL</u>				
	BLATCHFORD CALF MEAL COMPANY, WAUKEGAN, ILL.				
5051	Blatchford's Calf Meal, -----	Horace R. Stroh, Hamburg,	8.31	24.75	21.00
	BROWN & FASSETT, TUNKHANNOCK, PA.				
5151	B. & F. Calf Meal, -----	Brown & Fassett, Tunkhannock,	9.93	30.63	23.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.04	2.50	8.74	12.10	1.95	Cracked corn, crushed oats, oat feed (oat hulls and middlings), molasses, $\frac{1}{2}\%$ salt.	As certified, -----	5262
1.77	2.00	12.45	12.10	1.65	Cracked corn, crushed oats, wheat bran, oat feed (oat hulls and middlings), molasses, $\frac{1}{2}\%$ salt.	Wheat bran and salt not detected.	5328
3.85	3.00	6.91	11.00	2.40	Cracked corn, crushed oats, alfalfa meal, molasses, $\frac{1}{2}\%$ salt.	As certified, -----	5263
2.35	1.50	8.02	12.00	1.80	Corn, oats, molasses, salt, oatmeal mill by-products, (oat hulls, oat shorts, oat middlings), alfalfa meal.	As certified, -----	5267
3.00	2.50	9.41	12.00	2.00	Cracked corn, crushed oats, $\frac{3}{4}$ of 1% salt, cottonseed meal, alfalfa meal, oatmeal mill by-products, oat middlings, oat shorts, oat hulls, cane molasses.	As certified, -----	5336
1.67	1.50	8.28	12.00	1.75	Cracked corn, crushed oats, cane molasses, oat meal mill by-products (oat hulls, oat shorts, oat middlings), $\frac{1}{2}$ of 1% salt.	As certified, -----	5329
2.55	1.50	9.00	12.00	2.00		Salt not detected, ---	5929
3.21	2.00	6.08	10.00	2.00	Crushed oats, cracked corn, alfalfa, molasses.	As certified, -----	5266
4.19	2.00	9.15	10.00	2.65		As certified, -----	5926
4.11	2.00	9.84	12.10	1.80	Cut hay, crushed corn, oats, crushed oats, oat feed, bran, middlings, molasses, $\frac{1}{2}$ of 1% salt.	Wheat bran and middlings not detected.	5332
4.86	5.00	5.35	6.75	5.20	Locust bean meal, unpressed flaxseed, blood flour, rice polish, fish meal, O. P. linseed oil meal, dried milk albumin, barley meal, ground beans, cocoa, calcium phosphate, (bone meal), wheat flour, coconut oil meal, re-cleaned cottonseed meal, foenugreek, anise and salt.	As certified, -----	5051
4.74	5.00	4.90	8.00	80.00	Blood meal, red dog flour, hominy, linseed oil meal, bone charcoal, calcium sulphate, calcium carbonate, calcium phosphate, potassium iodide and salt.	As certified, -----	5151

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
5706	COOPERATIVE G. L. F. EXCHANGE, INC., BUFFALO, N. Y. G. L. F. Calf Meal, -----	Andre & Sweet, Montrose,	% 9.99	% 24.44	% 22.00
5925	JOHN W. ESHELMAN & SONS, LANCASTER, PA. Eshelman's Calf Meal, -----	The Mauser Mill Co., Palmerton,	10.07	22.56	16.00
5532	THE McMILLEN COMPANY, FORT WAYNE, IND. Wayne Calf Meal, -----	George DeArmitt, Petersburg,	9.08	24.69	24.00
5190	THE PARK & POLLARD COMPANY, BUFFALO, N. Y. Steven's Milkade Calf Meal, -----	E. J. Rogers, Emporium,	6.43	23.44	20.00
5478	THE QUAKER OATS CO., CHICAGO, ILL. Schumacher Calf Meal, -----	J. W. Herman, Beaver Springs,	7.69	19.50	18.00
4911	Schumacher Calf Meal, -----	Star Milling Co., Clymer,	7.20	18.31	18.00
4892	RALSTON PURINA CO., INC., BUFFALO, N. Y. Purina Calf Chow Feed, -----	Chas. E. Crotsley, Saltillo,	10.28	29.38	27.00
4955	RYDE & COMPANY, CHICAGO, ILL. Ryde's Cream Calf Meal, -----	Maloney's Feed Store, Meadville,	7.75	18.75	18.50

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.57	3.00	3.07	4.00	84.00	Linseed oil meal, ground malted barley, wheat r d dog flour, oat flour, blood flour, yellow corn meal, salt, precipitated calcium carbonate, precipitated bone meal.	Precipitated bone identified as finely ground bone.	5706
5.19	3.00	3.87	5.00	2.25	Cooked and baked wheat feed, O. P. linseed meal, wheat middlings, wheat flour, oat meal, ground Kaffir corn, blood meal, pure ground flaxseed, 2%.	As certified, -----	5925
4.74	4.00	7.14	6.50	4.00	Milk albumin, corn gluten meal, cottonseed meal, cocoanut oil meal, malt sprout meal, red dog flour, wheat middlings, wheat bran, bone meal, $\frac{1}{2}$ of 1% salt, molasses.	As certified, -----	5532
8.16	7.00	5.43	7.50	4.75	Ground malt, old process linseed oil meal, wheat bran, wheat flour, cocoanut oil meal, bone meal (1%), rice polish, wheat middlings, sesame oil meal, blood flour (3%), and small percentage of calcium carbonate, ground foenugreek, ground anise and salt.	As certified, -----	5190
7.08	8.00	3.13	4.00	4.50	Oat meal, ground flaxseed, ground puffed wheat, linseed meal, milk albumen, bolted and sterilized blood flour, $\frac{1}{2}$ of 1% bicarbonate of soda, $\frac{3}{4}$ of 1% salt, 1% calcium carbonate, 1% bone meal.	As certified, -----	5478
8.07	8.00	2.52	4.00	4.50		As certified, -----	4911
4.14	3.20	3.35	4.50	1.50	Blood flour, linseed meal, hominy feed, wheat flour, yellow corn feed meal, 1% bone meal, and 1% salt.	As certified, -----	4892
3.98	4.00	3.55	4.00	4.50	Concentrated skim milk, blood meal, locust bean meal, barley malt flour, milk albumin, linseed oil meal, cocoanut oil meal, ground oat groats, corn meal, ground flaxseed, wheat flour, steamed bone meal, calcium carbonate and salt.	Found also wheat middlings,	4955

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	<u>PROPRIETARY SWINE FEED</u>				
	THE AMERICAN MILLING CO., PEORIA, ILL.		%	%	%
5885	Amco Hog Profit Feed, -----	E. E. Potts, Big Run,	10.91	18.81	18.00
	BROWN & FASSETT, TUNKHAN- NOCK, PA.				
5148	B and F Hog Ration, -----	Brown & Fassett, Tunkhan- nock,	9.95	17.50	17.00
	CHAMPION MILLING & GRAIN CO., CLINTON, IOWA.				
5916	Champion Pig Meal from Start to Finish,	James A. Kase, Danville,	12.59	24.25	22.00
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
5085	Dickinson's Globe Hog Fattener, -----	Grampion Milling Co., Grampion,	10.21	16.88	15.00
5084	Dickinson's Globe Pig and Hog Meal,	Grampion Milling Co., Grampion,	9.70	18.81	18.00
5205	Dickinson's Globe Pig and Hog Meal,	Stempler Brothers, East Mauch Chunk,	8.12	18.13	18.00
	HALES & HUNTER CO., CHICAGO, ILL.				
5435	Pioneer Hog Feed with Dried Butter- milk,	Titusville City Mills, Titus- ville,	7.68	17.69	16.00
	KEISER MILLING COMPANY, TOLEDO, OHIO.				
4904	Kasco Pig-Hog Feed, -----	W. W. Feick & Co., Kutz- town,	9.18	19.19	17.00
	THE LARROWE MILLING CO., DETROIT, MICH.				
5820	Larro Hog Feed, -----	Wm. H. Dreibelbis, Shoemaker- makersville,	10.92	19.09	18.00
4876	Larro Hog Feed, -----	J. N. Prosser, Bedford,	6.80	19.50	18.00
5048	Larro Hog Feed, -----	Horace R. Stroh, Hamburg	7.97	18.88	18.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or ewt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.40	4.00	2.61	5.00	3.20	Digester tankage, old process linseed oil meal, oat middlings, prime peanut oil meal, wheat flour middlings, corn feed meal, choice finely ground alfalfa meal, cane molasses, 1% salt and 1% calcium carbonate.	As certified, -----	5885
5.17	5.00	6.01	8.00	49.00	Corn meal, ground oats, linseed oil meal, hominy, white middlings, tankage, charcoal, bone charcoal, calcium sulphate, calcium carbonate, calcium phosphate, sodium chloride, potassium iodide.	As certified, -----	5148
5.02	6.00	7.31	6.00	3.15	Tankage, linseed oil meal, peanut meal, corn germ oil meal, wheat middlings, cane molasses and mineral.	Mineral identified as calcium carbonate and salt,	5916
4.98	3.50	6.00	7.00	3.10	Digester tankage, corn oil cake meal, wheat middlings, corn feed meal, barley meal, fine ground alfalfa meal, 1% calcium carbonate, 1% bone meal, 1% salt.	As certified, -----	5085
5.56	5.00	5.68	6.50	3.35	Digester tankage, soy bean oil meal, wheat flour middlings, corn feed meal, corn oil cake meal, O. P. linseed oil meal, barley meal, oat flour, fine ground alfalfa meal, 1% calcium carbonate, bone meal, 1% salt.	Found also wild oats	5084
5.10	5.00	6.35	6.50	3.20		As certified, -----	5205
4.45	4.00	6.40	9.00	52.00	Corn feed meal, wheat middlings, ground oats, ground barley, linseed oil meal, ground and bolted screenings from wheat, barley, Kaffir corn and oats, tankage, dried buttermilk, salt and calcium phosphate.	Found also ground wild oats,	5435
5.89	4.50	5.86	6.50	2.75	Wheat red dog flour, fine ground barley, corn feed meal, O. P. linseed oil meal, corn gluten feed, choice alfalfa meal, corn germ meal, wheat standard middlings, fish meal, digester tankage, ½ of 1% salt.	As certified, -----	4904
4.96	5.00	8.26	10.00	2.80	Corn germ meal, linseed oil meal, hominy feed, digester tankage, alfalfa meal, wheat middlings, wheat bran, dried beet pulp, ½ of 1% salt.	As certified, -----	5820
5.61	5.00	8.58	10.00	2.75		Found also corn gluten feed,	4876
5.53	5.00	9.38	10.00	2.85		As certified, -----	5048

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	THE MCMILLEN COMPANY, FORT WAYNE, IND.		%	%	%
5491	Wayne 28% Hog Meal, -----	Mifflinburg Milling Co., Mifflinburg,	9.09	31.00	28.00
5181	Wayne 18% Pig Meal, -----	Burnside Roller Mills, Burnside,	8.67	20.00	18.00
5494	Wayne 18% Pig Meal, -----	Mifflinburg Milling Co., Mifflinburg,	9.86	19.31	18.00
5814	Wayne 18% Pig Meal, -----	Milroy Grain & Supply Co., Milroy,	10.54	19.56	18.00
5367	Wayne Pig and Hog Meal, -----	E. E. Wentz, Lock Haven,	9.46	18.00	18.00
5066	MT. ROCK MILLING COMPANY, LEWISTOWN, PA. Mt. Rock Hog Feed, -----	Mt. Rock Milling Company, Lewistown,	9.47	17.75	16.00
5111	NOWAK MILLING CORPORATION, BUFFALO, N. Y. Domino Hog Feed, -----	Farmers Supply Co., Saltsburg,	8.76	18.81	18.00
4859	THE PARK & POLLARD CO., BUFFALO, N. Y. Go Tu It Hog Ration, -----	W. P. Searer, Lewistown,	8.34	19.69	15.00
4988	Go Tu It Hog Ration, -----	Union Roller Mills, Hamburg	6.76	15.94	15.00
5018	THE QUAKER OATS CO., CHICAGO, ILL.				
5417	Quaker Pig-N-Hog Meal, -----	L. M. Lewis, Indiana,	10.27	17.94	18.00
	Quaker Pig-N-Hog Meal, -----	Peter Shaffer & Sons, New Brighton,	10.49	18.44	18.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Micro- scopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.22	4.50	6.14	7.00	3.30	Digester tankage, Menhaden fish meal, linseed oil meal, cocoanut oil meal, wheat red dog flour, standard wheat middlings, fine ground alfalfa meal, fine ground oat meal, cane molasses, 3% ground limestone, 1% salt, potassium iodide (70 grains per ton), 1/5 of 1% iron oxide.	As certified, -----	5491
5.15	3.50	6.94	7.00	2.80	Corn gluten feed, standard wheat middlings, cocoanut oil meal, red dog flour, ground barley, corn feed meal, linseed oil meal, digester tankage, alfalfa meal, molasses, 1/2 of 1% salt.	Found also trace of boof meal,	5181
4.63	3.50	6.05	7.00	2.80	Corn gluten feed, standard wheat middlings, cocoanut oil meal, red dog flour, ground barley, corn feed meal, linseed oil meal, digester tankage, alfalfa meal, molasses, 1/2 of 1% salt.	As certified, -----	5494
5.01	3.50	6.06	7.00	2.90	Corn gluten feed, standard wheat middlings, cocoanut oil meal, red dog flour, ground barley, corn feed meal, linseed oil meal, digester tankage, alfalfa meal, molasses, 1/2 of 1% salt, 5% ground limestone, potassium iodide (70 grains per ton), 1/5 of 1% iron oxide.	Found also small amount ground grain screenings,	5844
4.26	3.50	6.83	7.00	2.75	Corn gluten feed, wheat middlings, cocoanut oil meal, red dog flour, ground barley, corn feed meal, linseed oil meal, digester tankage, alfalfa meal, molasses, 1/2 of 1% salt.	Found also bone,	5367
5.36	4.00	6.80	8.00	2.60	Corn feed meal, wheat middlings, ground oats, ground barley, linseed oil meal, tankage and salt.	Found also ground wild oats,	5606
4.67	4.50	7.49	9.00	2.75	Hominy feed, corn feed meal, linseed oil meal, ground oats, wheat middlings, alfalfa meal, digester tankage, bone meal, 2% calcium carbonate and molasses.	As certified, -----	5111
4.10	5.00	7.41	10.00	2.70	Alfalfa meal, hominy meal ground barley, fish, meat and bone, corn meal, corn germ meal, wheat middlings, fine ground grain screenings, cocoa shell meal, calcium carbonate and salt.	Cocoa shell meal not detected. Found also ground Kaffir corn, ground wild oats and cocoanut oil meal.	4859
4.58	5.00	8.39	10.00	2.50		Meat identified as tankage. Found also ground Kaffir corn and wild oats.	4988
4.29	4.00	6.01	7.00	3.00	Oat meal, hominy feed, yellow hominy feed, barley meal, low grade wheat flour, linseed meal, digester tankage, cod liver meal, alfalfa meal, oat meal mill by-products (oat middlings, oat shorts, oat bulls), 3/4 of 1% iodized salt, 2% calcium carbonate, molasses.	As certified, -----	5018
3.62	4.00	6.12	7.00	3.00		As certified, -----	5417

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	RALSTON PURINA CO., INC., BUFFALO, N. Y.		%	%	%
4893	Purina Pig Chow, -----	Chas. E. Crotsley, Saltillo,	12.23	21.25	20.00
	TIOGA EMPIRE FEED MILLS, INC., WAVERLY, N. Y.				
5701	Ti-O-Ga Growing Shoat Feed, -----	M. J. Kane, Montrose,	8.82	18.88	15.00
	<u>PROPRIETARY AND MISCELLANEOUS CHOP FEED</u>				
	<u>CORN MEAL</u>				
	A. O. DAILEY & SONS, BINGHAMTON, N. Y.				
5501	Corn Meal, -----	Jackson & Hortinan, Hop Bottom,	11.26	8.94	-----
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.				
5427	Red Flag Corn Meal, -----	A. T. Sprankle, DuBoise,	10.32	9.06	8.00
	GEO. Q. MOON & CO., INC., BINGHAMTON, N. Y.				
5033	Roller Process Corn Meal, -----	E. J. Grimes & Son, Susquehanna,	12.07	10.19	10.00
	THE PARK & POLLARD CO., BUFFALO, N. Y.				
5192	Corn meal, -----	E. J. Rogers, Emporium,	4.72	8.13	-----
	QUISENBERRY FEED MANUFACTURING CO., BUFFALO, N. Y.				
5054	Quisenberry Yellow Corn Meal, -----	Keiser Feed Co., Grampion, Average, -----	13.04 10.30	9.06 9.68	9.00 -----
	<u>CORN AND OATS CHOP</u>				
	ACME MILLING CO., OLEAN, N. Y.				
5761	Pure Corn and Oat Feed, -----	Clawson & Co., Kinzua,	10.16	11.81	9.50
	AKRON FEED & MILLING CO., AKRON, OHIO				
5140	Pure Corn and Oats Chop, -----	Meadville Cooperative Association, Meadville,	10.76	10.94	9.00
5955	Pure Corn and Oats Chop, -----	Meadville Cooperative Association, Meadville,	10.93	12.50	9.00
	O. A. ALLEN, ALDERSON, PA.				
5644	Corn and Oats Chop, -----	O. A. Allen, Alderson,	10.65	12.19	9.00
	P. E. BINGAMAN & SONS, SELINGROVE, PA.				
5749	Pure Corn and Oats Chop, -----	P. E. Bingaman & Sons, Selinsgrove,	10.21	10.06	10.00
	BRYANS MILLS, HUGHESVILLE, PA.				
5689	Corn and Oats Chop, -----	J. C. Burns, Hughesville,	12.06	10.94	-----
	CENTER MILLING COMPANY, PHILIPSBURG, PA.				
5550	Corn and Oats Chop, -----	Center Milling Company, Philipsburg,	11.77	10.13	10.33
	H. J. COHEN, LEWISTOWN, PA.				
5201	Mixed Chop, -----	H. J. Cohen, Lewistown,	7.02	10.56	-----
	CHAS. E. CROTSLEY, SALTILLO, PA.				
4891	Mixed Chop (Corn and Oats), -----	Chas. E. Crotsley, Saltillo,	9.03	9.81	10.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.98	3.20	6.72	7.00	3.50	Molasses, hominy feed, corn germ meal, digester tankage, linseed meal, gluten feed, alfalfa flour, wheat midds, charcoal and 1% salt.	Salt not detected,	4893
5.88	3.50	6.89	8.00	52.00	Wheat middlings, linseed oil meal, corn meal, wheat bran, cane molasses, $2\frac{3}{4}\%$ phosphate of lime.	As certified, -----	5701
2.09	-----	1.68	-----	46.00	Corn meal.	As certified, -----	5501
3.49	2.50	1.52	3.00	2.25	Yellow corn.	Corn meal, -----	5427
3.87	3.00	2.22	3.50	2.40	Ground corn.	Corn meal, -----	5633
0.63	-----	0.88	-----	1.80	-----	Corn meal, -----	5192
3.11 2.64	3.00 -----	1.23 1.50	4.50 -----	2.55 45.20	Corn.	As certified, -----	5654
4.58	4.00	6.76	7.00	41.80	Corn and oats ground.	As certified, -----	5761
3.79	2.50	5.00	10.00	41.00	Corn and oats.	As certified, -----	5140
4.20	2.50	7.60	10.00	46.00	Corn and oats.	As certified, -----	5955
4.73	3.50	8.05	8.00	48.00	Ground corn and oats.	As certified, -----	5644
4.90	4.00	*5.18	6.00	2.40	-----	Corn and oats, -----	5749
3.27	-----	3.92	-----	50.00	-----	Corn and oats, -----	5680
3.33	4.18	2.72	3.66	2.65	-----	Corn and oats, -----	5550
3.95	-----	2.76	-----	2.20	-----	Corn and oats, -----	5201
4.06	2.00	4.43	6.00	2.60	-----	Corn and oats, -----	4891

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5655	CROUCH BROTHERS CO., ERIE, PA. Corn and Oats Chop, -----	W. E. Stormer, Reynolds-ville,	11.19	9.56	8.75
5493	A. O. DAILEY & SONS, BINGHAM- TON, N. Y. Ground Corn and Oats, -----	Jackson & Hortman, Hop Bottom,	9.62	10.44	10.00
4998	EUREKA ROLLER MILLS, CLAR- ION, PA. Corn and Oats Chop, -----	Eureka Roller Mills, Clar- ion,	6.10	9.75	11.31
5741	H. L. GARRISON & BROTHER, BERWICK, PA. Mixed Chop, -----	H. L. Garrison & Brother, Berwick,	10.73	10.75	10.00
5640	GOODS CITY MILLS, INC., NEW- BERRY, PA. Corn and Oats Chop, -----	Goods City Mills, Inc., Newberry,	12.43	9.13	-----
5730	HEFTY MILLING COMPANY, WAT- SONTOWN, PA. Corn and Oats Chop, -----	Hefty Milling Company, Watson town,	10.80	11.75	10.00
5689	M. E. HERR, SCHUYLER, PA. Mixed Chop Corn and Oats, -----	J. F. Hall & Son, Mont- gomery,	10.22	12.06	11.00
5393	HONESDALE MILLING COMPANY, HONESDALE, PA. Corn and Oats Chop, -----	Honesdale Milling Com- pany, Honesdale,	8.84	9.56	10.50
5628	H. C. HUTCHINSON MILLS, HYDE- TOWN, PA. Corn and Oats Chop, -----	E. N. Decker, Kellettville,	10.89	10.06	-----
5458	JACOB & KELLER CO., ST. MARYS, PA. J. & K. Pure Corn and Oats Chop, ---	Jacob & Keller Co., St. Marys,	11.04	10.31	10.00
5658	KLEPSEB BROTHERS, MARTINS- BURG, PA. Corn and Oats Chop, -----	Klepser Brothers, Altoona,	10.49	10.00	7.00
5076	KNOXVILLE MILLS, KNOXVILLE, PA. Corn and Oats Chop, -----	Knoxville Mills, Knoxville,	12.25	10.38	-----
5591	LINESVILLE MILLING CO., LINES- VILLE, PA. Pure Corn and Oats Chop, -----	Linesville Milling Co., Linesville,	9.57	10.50	9.00
4932	WM. McCLENAHAN, CENTER HALL, PA. McClenahan's Corn and Oats Chop, --	Wm. McClenahan, Center Hall,	5.88.	10.44	10.00
5028	W. H. MANBECK & CO., MIFFLIN, PA. Pure Corn and Oats Chop, -----	W. H. Manbeck & Co., Mifflin,	11.20	11.00	-----
5387	J. N. MEISER, RICHFIELD, PA. Mixed Chop (Corn and Oats), -----	J. N. Meiser, Richfield,	9.39	12.19	10.00
5485	THE MIFFLINBURG FARMERS EX- CHANGE, INC., MIFFLINBURG, PA. Corn and Oats Chop, -----	The Mifflinburg Farmers Exchange, Inc., Mifflin- burg,	10.28	10.88	10.00
5321	M. D. MILLER, MINGOVILLE, PA. Hecla Corn and Oats Chop, -----	M. D. Miller, Mingoville,	9.93	9.44	9.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.74	4.05	3.29	3.42	2.60	-----	Corn and oats, -----	5655
4.48	4.00	6.86	12.00	45.00	Ground corn and oats.	As certified, -----	5499
3.66	4.47	7.31	9.93	2.25	-----	Corn and oats, -----	4938
5.22	3.50	5.32	5.50	2.35	Ground corn and oats.	As certified, -----	5741
4.46	-----	5.64	-----	2.10	-----	Corn and oats, -----	5010
4.84	5.00	7.11	8.00	2.20	-----	Corn and oats, -----	5730
3.98	4.00	6.20	6.00	2.80	-----	Corn and oats, -----	5680
4.13	3.50	5.51	8.00	38.00	Corn and oats chop.	As certified, -----	5393
3.95	-----	7.29	-----	43.00	-----	Corn and oats, -----	5628
4.17	4.00	3.38	6.00	2.45	Corn, oats.	As certified, -----	5453
3.94	3.00	4.57	7-9	2.50	Corn and oats chop.	Found also wild oats	5053
4.70	-----	5.66	-----	39.00	-----	Corn and oats, -----	5076
3.51	3.50	4.60	10.00	45.00	-----	Corn and oats, -----	5591
3.38	4.00	6.96	6.00	1.75	-----	Corn and oats, -----	4932
4.06	-----	5.92	-----	2.00	-----	Corn and oats, -----	5023
3.46	4.00	5.96	6.00	2.25	-----	Corn and oats, -----	5387
4.34	4.00	5.81	6.00	1.80	50% ground corn and 50% ground oats.	As certified, -----	5485
3.71	5.00	10.03	10.00	1.90	Ground oats and ground corn.	As certified, -----	5321

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	MOSES BROTHERS CO., INC., EATON, N. Y.		%	%	%
5404	Pure Ground Corn and Oats, -----	C. E. Bates, Honesdale,	9.76	10.13	10.00
	MT. ROCK MILLING COMPANY, LEWISTOWN, PA.				
5663	Mt. Rock Chop (Corn and Oats), ---	Mt. Rock Milling Com- pany, Lewistown,	9.84	11.38	10.00
	GEORGE W. MYERS, MUNCY VAL- LEY, PA.				
5671	Corn and Oats Chop, -----	George W. Myers, Muncy Valley,	11.01	10.31	-----
	NICKLE PLATE FLOUR MILLS, ERIE, PA.				
5552	Corn and Oats Chop, -----	Nickle Plate Flour Mills, Wesleyville,	11.49	10.00	9.00
	THE PARK & POLLARD CO., BUF- FALO, N. Y.				
5191	Corn and Oats Half and Half, -----	E. J. Rogers, Emporium,	8.22	10.00	10.00
5715	Corn and Oats Half and Half, -----	Shamokin Milling Co., Shamokin,	11.61	11.44	10.00
	PRESTONS, INC., CANTON, PA.				
5031	Pure Corn and Oats Chop, -----	Prestons, Inc., Canton,	11.48	10.31	10.00
	H. Z. PRIDE & SON, WESTFIELD, PA.				
5070	Corn and Oats Chop, -----	H. Z. Pride & Son, West- field,	11.46	10.94	11.31
	QUISENBERRY FEED MANUFAC- TURING CO., BUFFALO, N. Y.				
5662	Half and Half Corn and Oats Ground,	Farmers Exchange, Clear- field,	14.38	10.63	-----
5608	Half and Half Corn and Oats Ground,	S. M. Griffith, Rossiter,	10.02	11.75	-----
	GEO. L. REED MILLING CO., BROOKVILLE, PA.				
5510	Pure Corn and Oats Chop, -----	Geo. L. Reed Milling Co., Brookville,	11.80	9.97	9.00
	RICHARDS & EVANS COMPANY, CORTLAND, OHIO.				
5801	Pure Corn and Oats Chop, -----	Linders Feed Store, New Kensington,	11.81	11.19	10.00
	RIVERSIDE MILLS, OIL CITY, PA.				
4953	Corn and Oat Chop, -----	Riverside Mills, Oil City,	8.13	10.38	10.00
5838	Corn and Oat Chop, -----	Riverside Mills, Oil City,	11.99	10.50	10.00
	H. ROCKWELL & SON, CANTON, PA.				
5037	Pure Corn and Oats Chop (Light), ---	H. Rockwell & Son, Canton,	10.58	10.06	10.00
	J. M. SHERRITTS & SON, DICK- SONBURG, PA.				
5596	Corn and Oats Chop, -----	J. M. Sherritts & Son, Dicksonburg,	9.96	11.19	-----
	E. L. SMITH & COMPANY, UNION CITY, PA.				
5557	Corn and Oats Chop, -----	E. L. Smith & Company, Union City,	10.17	10.75	10.00
	HOMER E. SPENCER, SUSQUE- HANNA, PA.				
5641	Corn and Oats Chop, -----	Homer E. Spencer, Susque- hanna,	13.58	9.88	-----
	SPRING CREEK MILLING COM- PANY, SPRING CREEK, PA.				
5834	Corn and Oats Chop, -----	Spring Creek Milling Co., Spring Creek,	11.94	11.69	9.00
	THREE SPRINGS MILLING CO., THREE SPRINGS, PA.				
5925	Corn and Oats Chop, -----	Three Springs Milling Co., Three Springs,	13.28	10.19	-----

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.08	3.50	5.49	10.00	42.00	Ground corn and oats.	As certified, -----	5404
3.95	4.00	4.94	8.00	2.40	-----	Corn and oats, -----	5638
3.73	-----	4.88	-----	2.40	-----	Corn and oats, -----	5671
3.77	3.00	6.77	9.00	44.00	Corn and oats.	As certified, -----	5553
3.94	1.50	7.37	8.00	1.90	-----	Corn and oats, -----	5191
4.07	1.50	6.26	8.00	2.70	-----	Corn and oats, -----	5715
4.20	4.00	5.97	6.50	37.00	-----	Corn and oats, -----	5031
3.84	4.63	6.04	7.11	38.00	Corn and oats chop.	As certified, -----	5070
5.00	-----	7.98	-----	2.50	-----	Corn and oats, -----	5662
5.20	-----	7.47	-----	2.40	Corn and oats ground.	As certified, -----	5608
3.18	3.00	3.87	10.00	2.55	-----	Corn and oats, -----	5510
5.06	4.56	5.29	10.00	2.75	Corn and oats.	As certified, -----	5801
2.96	4.00	7.72	6.00	41.00	Corn and oats.	As certified, -----	4953
4.80	4.00	5.77	6.00	2.40	Corn and oats.	As certified, -----	5838
4.86	4.50	5.89	7.00	38.00	-----	Corn and oats, -----	5037
4.06	-----	5.78	-----	2.25	Corn and oats.	As certified, -----	5593
3.01	5.00	6.12	10.00	44.00	Corn and oats.	Found also ground wild oats,	5557
3.01	-----	4.82	-----	48.00	-----	Corn and oats, -----	5641
4.23	3.00	5.29	4.50	45.00	Corn and oats.	As certified, -----	5831
3.65	-----	3.46	-----	2.70	-----	Corn and oats, -----	503

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5691	W. H. TURNER & COMPANY, MUNCY, PA. Pure Corn and Oats Chop, -----	J. F. Hall & Son, Mont- gomery,	11.43	12.00	-----
5588	UNION PRODUCE COMPANY, CORY, PA. Pure Corn and Oats Chop, -----	Union Produce Company, Corry,	10.39	10.31	9.00
5933	WILLIAMS BROTHERS, PORT MA- TILDA, PA. Corn and Oats Chop, -----	Williams Brothers, Port Matilda, Average, -----	12.94 10.63	10.69 10.66	----- -----
<u>CHOP FEED</u>					
5575	THE AKRON FEED & MILLING CO., AKRON, OHIO Ohio Chop Feed, -----	A. F. Gault, Bentleyville, Latrobe Feed & Supply Co., Latrobe,	7.67 7.83	8.13 7.13	6.00 6.00
5016	Ohio Chop Feed, -----	H. J. Mulanney & Son, DuBois,	9.41	7.63	6.00
5880	Ohio Chop Feed, -----				
5601	BERGER & BROTHER, BERNVILLE, PA. Rye, Corn and Oats Chop, -----	Berger & Brother, Bern- ville,	9.83	11.13	10.00
5364	CHATHAM RUN MILLS, LOCK HAVEN, PA. Mixed Chop, -----	G. A. Duff, Lock Haven,	11.46	10.25	9.00
5445	EMLENTON MILLING CO., LTD., EMLENTON, PA. E. M. Company Mixed Chop Feed, ---	Emlenton Milling Co., Ltd., Emlenton,	8.67	10.94	9.00
5379	FLORY MILLING CO., INC., BAN- GOR, PA. Extra Feed, -----	W. R. Bisbing, Tanners- ville,	8.79	10.44	9.00
5442	KERRTOWN MILLING COMPANY, MEADVILLE, PA. Corn, Oats and Barley Chop, -----	Sam. F. McQuiston, Mead- ville,	9.31	9.69	9.00
5797	THE KIESER MILLING CO., TOLEDO, OHIO. Apex Special Chop, -----	Smith & Zahniser, Freeport, Western Flour Co., Mones- sen,	11.29 10.04	8.19 8.75	7.59 7.50
5625	Apex Special Chop, -----				
5775	RICHARDS & EVANS COMPANY, CORTLAND, OHIO. Richard's Special Chop, -----	Donora Flour & Feed, Donora,	10.01	9.00	9.00
5882	Richard's Special Chop, -----	H. J. Mulaney & Son, DuBois,	10.28	9.50	9.00
5796	Richard's Special Chop, -----	Smith & Zahniser, Free- port,	10.33	9.88	9.00
5356	I. J. ROHRBAUGH, BEECH CREEK, PA. Highgrade Chop, -----	I. J. Rohrbaugh, Beech Creek,	11.29	11.31	9.00
5376	STOFFLET MILLING COMPANY, PEN ARGYLE, PA. Mixed Feed, -----	W. R. Bisbing, Tanners- ville,	9.26	11.31	12.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.10	-----	5.55	-----	2.80	-----	Corn and oats, -----	5691
3.26	4.00	5.56	5.00	2.15	Corn and oats.	As certified, -----	5683
4.07	-----	3.79	-----	2.55	-----	Corn, oats and ground wild oats.	5938
4.65	-----	5.73	-----	45.58			
2.05	2.00	14.67	12.00	38.00	White or yellow shelled corn, oat shorts, oat hulls, oat middlings, $\frac{1}{2}$ of 1% salt.	As certified, -----	5575
2.69	2.00	16.36	12.00	1.85		As certified, -----	5016
2.70	2.00	13.07	12.00	1.75		Yellow corn present,	5880
3.47	3.00	3.59	8.00	2.20	-----	Rye, corn and oats chop,	5601
2.15	4.00	4.44	6.00	40.00	Corn, oats and wheat screenings.	As certified, -----	5364
3.69	4.00	5.67	7.00	2.20	Corn, oats, corn products, (corn bran, corn boltings), wheat screenings.	As certified, -----	5445
3.98	3.00	8.50	10.00	2.35	Corn feed meal, rye middlings, ground oats, oat feed, (oat shorts, oat hulls, oat middlings).	As certified, -----	5379
3.23	4.00	7.44	14.00	36.00	Corn, oats and barley.	Found also ground wild oats,	5442
2.65	2.50	12.47	12.10	2.20	Ground corn, corn feed meal, ground oats, oatmeal, by-products (oat hulls, oat middlings, oat shorts), $\frac{3}{4}$ of 1% salt.	As certified, -----	5797
2.74	2.50	12.02	12.10	2.00		As certified, -----	5625
3.58	3.00	10.64	12.00	42.00	Hominy feed, corn meal, corn feed meal, ground wheat screenings, oat mill by-product.	As certified, -----	5775
4.58	3.00	9.06	12.00	2.15		As certified, -----	5882
4.19	3.00	11.17	12.00	2.20		Found also ground buckwheat.	5796
3.37	3.50	4.38	6.30	38.00	Corn, oats, wheat middlings, and screenings.	Found also large amount ground corn cockle.	5356
3.40	4.00	5.98	8.00	2.15	Cob corn, oats feed, rye middlings, and screenings.	As certified, -----	5376

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
4869	C. Y. WAGNER, BELLEFONTE, PA. Wagner's Standard Chop, -----	C. Y. Wagner, Bellefonte,	10.13	12.69	11.00
	<u>MISCELLANEOUS FEED</u>				
5586	BROOKS ELEVATOR COMPANY, MINNEAPOLIS, MINN. Climax Ground Flax and Grain Screen- ings,	Allan Sweigart, Farmers- ville,	10.95	15.19	-----
5649	GEORGE L. HARDING CO., INC., BINGHAMTON, N. Y. Uncle Sam Milk Albumen, -----	O. A. Allen, Alderson, ----	6.11	48.31	40.00
4986	INTERNATIONAL MILLING CO., MINNEAPOLIS, MINN. Blackhawk Wheat Germ Middlings, ----	Cyril Duclos, Patton, ----	6.04	29.75	25.00
5629	MINNESOTA FEED COMPANY, MIN- NEAPOLIS, MINN. Keystone Ground Flax Screenings, ----	I. Z. Swary, Allensville, --	9.80	15.69	15.00
	<u>NEWSOME FEED &amp; GRAIN COM- PANY, PITTSBURGH, PA.</u>				
5808	Palmo Midds, -----	Dayton Milling Co., Dayton,	7.32	15.56	16.00
5215	Palmo Midds, -----	Gates Granary, Kittanning,	4.11	16.13	16.00
4933	Palmo Midds, -----	Wm. McClenahan, Center Hall,	3.88	16.06	16.00
5345	Palmo Midds, -----	D. J. Turner, Clarksville,	3.36	15.63	16.00
	<u>SHEFFIELD ELEVATOR CO., MIN- NEAPOLIS, MINN.</u>				
5659	Alpine Ground Grain and Flaxseed Screenings,	Dairy Products Co., Clear- field,	9.35	16.94	15.00
5731	Alpine Ground Grain and Flaxseed Screenings,	W. W. Ruhl, Manheim, ---	9.09	16.31	15.00
	<u>SWIFT &amp; COMPANY, NEWARK, N. J.</u>				
5128	Swift's Blood Meal, -----	Dayton Milling Co., To- wanda,	12.69	80.75	80.00
	<u>UNION MINERAL &amp; SUPPLY CO., NORTH EAST, PA.</u>				
5766	Union Minerals for Cattle, -----	E. C. Obert, Union City, --			-----
	<u>UNIVERSAL BY-PRODUCTS COM- PANY, SAN FRANCISCO, CALIF.</u>				
5278	Pure Dried Buttermilk, -----	Ezr. Dunwoody Co., Phila- de'phia,	4.84	34.25	31.00
	<u>WARD DRY MILK COMPANY, ST. PAUL, MINN.</u>				
5692	Pure Dried Buttermilk, -----	Lycoming Mills, Williams- port,	7.44	33.56	30-36
	<u>WHEELING STEEL CORPORATION, YORKVILLE, OHIO.</u>				
5569	Palm Oil Middlings, -----	W. M. Templeton & Sons, Houston,	5.41	16.56	16.50
	<u>PROPRIETARY POULTRY FEED</u>				
	<u>SCRATCH FEED</u>				
5692	ADLER BROTHERS, ALTOONA, PA. Adler's Scratch Feed, -----	Altoona Feed Mills, Al- toona,	12.33	10.25	-----

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.35	3.00	4.62	7.00	1.90	Shelled corn, wheat middlings, wheat bran, oats, screenings.	Found also wild oats,	4869
7.74	-----	14.96	-----	-----	-----	Ground flax and grain screenings,	5586
1.46	0.25	-----	-----	7.50	-----	Commercial dried milk albumen,	5649
9.90	9.00	2.64	3.25	53.00	Wheat germ middlings, -----	As certified, -----	4986
10.25	8.00	15.80	14.00	42.00	-----	Ground flax screenings,	5629
10.73	7.00	5.89	9.00	2.00	Wheat middlings, ground screenings not exceeding mill run and palm oil.	As certified, -----	5808
7.04	7.00	6.24	9.00	3.25		As certified, -----	5215
9.29	7.00	6.36	9.00	1.60		As certified, -----	4933
11.32	7.00	6.38	9.00	32.00		As certified, -----	5345
6.64	7.00	15.35	15.00	2.00	Screenings cleaned from flax and wheat.	As certified, -----	5659
10.82	7.00	14.25	15.00	-----		As certified, -----	5731
0.69	-----	0.97	3.00	108.60	-----	Blood meal, -----	5128
-----	-----	-----	-----	4.50	Special bone meal or bone black, special carbonate calcium, charcoal, sodium chloride, foenugreek, glaubers salts, potassium iodide.	As certified, -----	5766
1.71	3.00	-----	-----	10.00	-----	Pure dried buttermilk,	5278
4.13	3.50 to 7.00	-----	-----	10.70	-----	Pure dried buttermilk,	5692
7.93	7.50	8.23	8.50	30.00	-----	Wheat middlings and palm oil.	5569
3.30	-----	2.83	-----	2.60	Cracked corn, wheat, barley, Kafir corn, buckwheat, oats and sunflower seed.	Sunflower seed not detected.	5062

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5244	THE AKRON FEED & MILLING CO., AKRON, OHIO Ohio Scratch Feed, -----	J. J. Fichter Feed Co., Pittsburgh,	10.76	9.19	10.00
5571	ARCADY FARMS MILLING CO., CHICAGO, ILL. Arcady Chick Grain, -----	Carmichaels Milling Co., Carmichaels,	10.99	11.13	10.00
4850	Golden Yolk Scratch Grains, -----	W. W. Kalb, Sunbury, ---	8.95	10.38	10.00
4982	J. J. BADENOCH COMPANY, CHI- CAGO, ILL. Egspay Scratch Feed No Grit, -----	Cyril Duclos, Patton, ---	6.92	10.00	10.00
5240	Sun Flower Scratch Feed, -----	S. B. Floyd & Son, Pitts- burgh,	9.33	10.25	10.00
4863	BELLEVILLE FLOUR MILL CO., BELLEVILLE, PA. Blue Ribbon Scratch Grains, -----	Reedsville Milling Co., Reedsville,	5.58	10.63	10.00
4844	BLACK ROCK MILLING CORPORA- TION, BLACK ROCK, N. Y. Bidwell Scratch Feed, -----	E. Datesman & Son, Milton,	7.79	10.25	10.00
5519	Bidwell Scratch Feed, -----	Henry Gass Sons, Reading,	13.33	10.00	10.00
4936	Bidwell Scratch Feed, -----	Wm. McClenahan, Center Hall,	8.30	10.31	10.00
4855	Bidwell Scratch Feed, -----	W. P. Searer, Lewistown,	9.21	11.13	10.00
5918	CHAMPION MILLING & GRAIN COM- PANY, CLINTON, IOWA. P. F. C. F. Scratch Grains, -----	James A. Kase, Danville,--	12.30	11.06	10.00
5549	CHAPIN & COMPANY, CHICAGO, ILL. Unicorn Scratch Feed, -----	Center Milling Co., Phillips- burg,	11.67	10.06	10.00
5247	G. E. CONKEY & CO., CLEVE- LAND, OHIO Conkey's Scratch Grain, -----	Beckert Seed Company, Pittsburgh,	10.62	10.00	9.75
5470	Conkey's Scratch Grain, -----	Z. L. Brothers, Ebensburg,	10.24	10.19	9.75
5630	A. O. DAILEY & SONS, BINGHAM- TON, N. Y. Supreme Scratch Grains, -----	E. J. Grimes & Son, Sus- quehanna,	12.84	9.88	10.00
5313	THE ALBERT DICKINSON CO. CHICAGO, ILL. Dickinson's Globe Poultry Scratch, ---	W. R. Barnard, Bentley- ville,	11.46	10.00	10.00
5563	Dickinson's Globe Poultry Scratch, ---	Fayette Feed Co., Fayette City,	11.48	10.31	10.00
5349	Dickinson's Globe Poultry Scratch, ---	Thomas Hammon, Pitts- burgh,	11.74	9.38	10.00
5067	Dickinson's Globe Racing Feed, -----	C. B. Rutter, Lansford, --	10.83	18.50	18.00
5428	Dickinson's Rival Poultry Scratch, -----	A. T. Sprankle, DuBois, --	9.73	9.50	10.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.42	2.50	2.33	5.00	42.00	Corn, barley, wheat, buckwheat and sunflower seed.	Found also Kafir corn,	5244
2.42	2.50	1.71	5.00	62.60	Cracked wheat, cracked corn, cracked Kafir corn or cracked milo maize, oat groats, millet seed.	As certified, -----	5571
3.32	2.50	2.88	5.00	2.00	Wheat, cracked corn, Kafir corn or milo maize, barley, oats.	As certified, -----	4850
3.60	2.50	2.25	5.00	60.00	Wheat, cracked corn, Kafir corn, milo, barley, oats, sunflower seed and buckwheat.	As certified, -----	4982
3.56	2.50	3.04	5.00	42.00	Wheat, cracked corn, Kafir corn, barley, oats, milo, sunflower seed and buckwheat.	As certified, -----	5240
4.17	3.50	2.62	10.00	2.50	Cracked corn, wheat, re-cleaned wheat screenings, barley, Kafir, milo, buckwheat and sunflower seed.	Found also small amount whole weed seeds.	4863
3.45	1.50	2.62	5.00	2.65	Cracked corn, wheat, barley, oats, buckwheat, Kafir corn, milo maize, and sunflower seed.	As certified, -----	4844
2.48	1.50	2.22	5.00	2.70		As certified, -----	5519
3.89	1.50	2.97	5.00	2.50		Sunflower seed not detected.	4936
2.50	1.50	2.29	5.00	2.75		Sunflower seed not detected.	4855
3.24	3.50	2.56	4.00	2.80	Cracked corn, wheat, oats, ----	As certified, -----	5018
3.95	2.50	3.04	5.00	3.50	Wheat, cracked corn, Kafir corn, barley, oats, sunflower seed, buckwheat.	As certified, -----	5549
2.79	1.75	2.08	3.00	60.00	Wheat, cracked corn, Kafir corn, barley, buckwheat and sunflower.	As certified, -----	5247
3.68	1.75	3.19	3.00	3.00		As certified, -----	5470
2.63	2.50	2.75	5.00	2.75	Wheat, cracked corn, barley, buckwheat, split peas, sunflower seed.	Found also oats, ----	5630
3.08	2.50	2.47	3.75	53.00	Corn, wheat, barley, Kafir, buckwheat, $\frac{1}{2}$ of 1% sunflower.	As certified, -----	5313
3.20	2.50	2.85	3.75	55.00		As certified, -----	5563
2.99	2.50	2.49	3.75	60.00		As certified, -----	5249
2.85	2.00	3.50	4.00	5.75	Flint corn, maple peas, vetch, Canada peas.	As certified, -----	5067
4.06	2.50	2.07	5.00	2.75	Corn, wheat, barley, oats, Kafir, buckwheat, $\frac{1}{3}$ of 1% sunflower seed.	As certified, -----	5428

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	DIXIE MILLS COMPANY, EAST ST. LOUIS, ILL.		%	%	%
5254	Dixie Hen Feed, -----	Groh Brothers, Etna, ----	13.27	10.00	10.00
	JOHN W. ESHELMAN & SONS, LANCASTER, PA.				
5525	Eshelman's Chick Feed, -----	A. J. Kern, Slatington, --	11.92	11.56	10.00
5325	Eshelman's Scratch Feed, -----	Fred Lemont, Philadelphia,	13.00	10.13	10.00
5529	Eshelman's Special Pigeon Feed, -----	Saeger Milling Co., Allentown,	11.54	14.44	10.00
5340	Eshelman's Special Pigeon Feed, -----	Gifford Walker, Philadelphia,	9.35	13.56	10.00
	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y.				
4942	Grandin's Baby Chick Feed, -----	Ash Brothers, Briar Creek,	8.12	11.88	10.00
5429	Grandin's Baby Chick Feed, -----	A. T. Sprankle, DuBois, --	9.25	11.13	10.00
	HECKER H O COMPANY, INC., BUFFALO, N. Y.				
5440	Algrane Steam Cooked Chick Feed, ----	Clyde D. Duffee, Oil City,	9.38	12.19	12.00
5953	Algrane Steam Cooked Chick Feed, ----	Clyde D. Duffee, Oil City,	12.00	12.06	12.00
	KIESER MILLING CO., TOLEDO, OHIO				
5832	Apex Growing Grains, -----	Youngsville Milling Co., Youngsville,	12.80	10.44	10.00
5303	Apex Scratch Grains, -----	J. B. Hayward & Son, Monongahela,	12.55	9.88	10.00
5772	Apex Scratch Grains, -----	National Flour & Feed Co., Fayette City,	10.03	10.06	10.00
5771	Oe-Sak Scratch Grains, -----	National Flour & Feed Co., Fayette City,	12.68	10.06	10.00
	KLEPSER BROTHERS, MARTINSBURG, PA.				
5055	Gold Medal Hen Food, -----	Klepser Brothers, Altoona,	10.48	11.06	8.00
	LAKE SHORE ELEVATOR CO., CLEVELAND, OHIO				
5777	Lake Shore Scratch Feed, -----	Donora Flour & Feed, Donora,	11.96	10.31	10.00
5778	Special Scratch Food, -----	Donora Flour & Feed, Donora,	12.24	10.25	10.00
	LARROWE MILLING COMPANY, DETROIT, MICH.				
5050	Larro Chick Grains, -----	Horace R. Stroh, Hamburg,	9.82	10.94	10.00
4875	Larro Scratch Grains, -----	J. H. Prosser, Bedford,	5.74	11.38	10.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
2.57	3.00	2.20	5.00	55.00	Wheat, corn, Kafir corn, milo maize, barley, oats, buckwheat, sunflower seed.	As certified, -----	5254
4.11	3.00	1.75	3.00	3.00	Cracked corn, cracked wheat, cracked Kafir corn, oat groats, 1% millet.	As certified, -----	5525
2.70	2.50	2.59	4.00	42.50	Cracked corn, wheat, barley, buckwheat, Kafir corn, $\frac{1}{2}$ % sunflower seed.	As certified, -----	5325
3.71	3.00	3.64	3.00	3.90	-----	Wheat, Kafir corn, peas, oat groats, hemp seed buckwheat, millet.	5529
3.31	3.00	3.06	3.00	4.00	Wheat, Kafir corn, peas, oat groats, buckwheat, hemp, 1% millet.	As certified, -----	5340
3.15	2.50	3.71	5.00	3.75	Fine cracked corn, cracked wheat, steel cut oats, cracked milo maize and cracked Kafir corn.	As certified, -----	4942
3.15	2.50	1.14	5.00	3.25		As certified, -----	5429
2.39	3.00	1.16	4.00	4.40	Cracked corn, cut oat meal, cracked wheat, cracked Kafir corn, cracked peas.	As certified, -----	5440
2.63	3.00	1.38	4.00	4.50		As certified, -----	5953
3.39	2.50	1.91	4.00	60.00	Wheat, cracked corn, milo maize, buckwheat, oat groats.	As certified, -----	5332
2.12	2.50	2.98	4.00	50.00	Cracked corn, cracked barley, buckwheat, Kafir corn or milo maize, sunflower seed.	Found also oats, ---	5303
3.70	2.50	2.83	4.00	60.00	Cracked corn, wheat, barley, buckwheat, Kafir corn or milo maize, sunflower seed.	As certified, -----	5772
3.93	2.50	2.48	4.00	58.00	Wheat, cracked corn, buckwheat, oats, barley, Kafir corn or milo maize.	As certified, -----	5771
3.30	1.50	2.64	4.00	3.00	Wheat, Kafir corn, cracked Indian corn, buckwheat, oats and grit.	Grit not detected. Found also rye.	5055
4.63	2.00	3.05	3.00	65.00	Cracked corn, milo maize, wheat, buckwheat and sunflower seed.	As certified, -----	5777
3.55	2.50	2.37	5.00	60.00	Corn, wheat, buckwheat, barley, milo maize, Kafir corn, and sunflower seed.	As certified, -----	5773
3.34	3.00	1.41	3.50	3.50	Cracked corn, steel cut wheat, steel cut oat groats and cracked milo.	As certified, -----	5050
3.51	2.50	2.85	4.00	2.75	Cracked corn, wheat, barley, milo, buckwheat, $\frac{1}{2}$ of 1% sunflower.	As certified, -----	4875

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	LINESVILLE MILLING CO., LINESVILLE, PA.		%	%	%
5593	Russell's A-1 Poultry Grains, -----	Linesville Milling Co., Linesville,	10.81	9.88	10.00
	THE McMILLEN COMPANY, FORT WAYNE, IND.				
5841	Jumbo Scratch Feed, -----	Milroy Grain & Supply Co., Milroy,	12.65	10.50	9.00
5358	Jumbo Scratch Feed, -----	I. J. Rohrbaugh, Beech Creek,	11.68	9.19	9.00
5589	Jumbo Scratch Feed, -----	Union Produce Co., Corry,	10.77	10.31	9.00
5533	Universal Scratch Feed, -----	George DeArmitt, Petersburg,	11.62	10.25	10.00
4935	Universal Scratch Feed, -----	Wm. McClenahan, Center Hall,	5.24	11.00	10.00
5310	Wayne Chick Feed, -----	E. F. Sphar & Co., Roscoe,	10.95	10.94	9.00
5840	Wayne Poultry Developer, -----	Milroy Grain & Supply Co., Milroy,	12.57	10.09	10.00
5590	Wayne Scratch Feed, -----	Union Produce Co., Corry,	10.28	10.61	10.00
	MARITIME MILLING CO., BUFFALO, N. Y.				
5372	Bull Brand Developing Feed, -----	Stephen E. Seidel, Hamburg,	10.36	10.31	10.00
5520	Daisy Scratch Feed, -----	Henry Gass Sons, Reading,	11.43	9.88	9.00
	MAUSER MILL CO., PALMERTON, PA.				
5022	Mauser Hen Food, -----	R. P. Scybert, Palmerton,	13.10	10.13	9.00
	THE MIFFLINBURG FARMERS EXCHANGE, INC., MIFFLINBURG, PA.				
5483	Healthy Chick Food, "Make 'Em Grow,"	The Mifflinburg Farmers Exchange, Inc., Mifflinburg,	10.90	11.63	11.56
5484	Healthy Hen Food, "Make 'Em Lay,"	The Mifflinburg Farmers Exchange, Inc., Mifflinburg,	11.81	10.94	10.13
	M. D. MILLER, MINGOVILLE, PA.				
5322	Hecla Scratch Grains, -----	M. D. Miller, Mingoville,	8.57	10.56	12.00
	MT. ROCK MILLING CO., LEWISTOWN, PA.				
5668	Mt. Rock Scratch Feed, -----	Mt. Rock Milling Co., Lewistown,	11.35	11.56	10.00
	NOWAK MILLING CORPORATION, HAMMOND, IND.				
5781	Fidelity Scratch Feed, -----	Jefferson Grain & Feed Co., Jefferson,	11.03	10.81	10.00
5903	Fidelity Scratch Feed, -----	Kresge & Mattern, Lehigh-ton,	12.22	11.56	10.00
5783	Marathon Scratch Feed, -----	Jefferson Grain & Feed Co., Jefferson,	12.60	10.75	10.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.22	2.50	2.09	5.00	55.00	Cracked corn, wheat, buckwheat, barley, Kaffir corn and sunflower seed.	Sunflower seed not detected.	5593
3.36	3.00	2.40	5.00	3.60	{Wheat, corn, barley, oats, Kaffir, milo, buckwheat.	As certified, -----	5841
3.34	3.00	2.27	5.00	2.50		As certified, -----	5353
3.13	3.00	2.21	5.00	2.60		As certified, -----	5580
4.18	3.00	2.96	5.00	2.60	{Cracked corn, wheat, barley, Kaffir, milo, oats, buckwheat, sunflower seed.	As certified, -----	5533
3.38	3.00	3.03	5.00	2.50		Sunflower seed not detected.	4935
2.50	2.50	1.71	5.00	55.00	Wheat, corn, Kaffir, milo, millet.	As certified, -----	5310
2.75	2.50	2.53	5.00	3.50	Wheat, cracked corn, Kaffir, milo, millet, buckwheat.	Found also oats, ---	5840
3.01	3.00	3.08	4.60	2.70	Wheat, corn, Kaffir, milo, barley, oats, buckwheat, 1% sunflower seed.	As certified, -----	5590
3.57	2.00	2.60	5.00	3.25	Cracked corn, buckwheat, wheat, green split peas and milo maize.	As certified, -----	5372
2.40	2.50	1.73	5.00	2.70	Cracked corn, clipped oats, buckwheat, Kaffir corn or milo maize, barley, wheat and sunflower seed.	As certified, -----	5520
3.17	2.00	2.94	3.00	2.50	Pure cracked corn, oats, wheat, barley, milo maize, buckwheat, sunflower seed.	As certified, -----	5922
3.71	3.76	1.71	2.55	2.50	Fine cracked corn, cracked wheat, milo maize and cracked hulled oats.	Found also barley, --	5483
4.59	5.59	2.87	2.67	2.40	Corn, wheat, barley, milo maize, buckwheat and sunflower seed.	Found also oats, ---	5484
2.56	2.00	2.87	3.00	2.50	Wheat, cracked corn, oats, barley, buckwheat.	As certified, -----	5322
2.95	2.50	3.13	5.00	2.80	Cracked corn, wheat, Kaffir and milo, barley, oats, buckwheat and sunflower seed.	As certified, -----	5663
3.04	2.50	2.50	5.00	57.50	{Cracked corn, wheat, milo maize, barley, buckwheat, sunflower seed.	As certified, -----	5781
2.86	2.50	2.35	5.00	3.00		As certified, -----	5903
3.69	2.50	2.38	5.00	57.50	Wheat, milo maize, cracked corn, barley, buckwheat and sunflower seed.	Found also oats, ---	5783

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	PARK & POLLARD CO., BUFFALO, N. Y.		%	%	%
5712	Intermediate Chick Feed, -----	Shamokin Milling Co., Shamokin,	13.11	10.94	10.00
4929	Red Ribbon Chick Feed, -----	Wm. McClenahan, Center Hall,	10.77	11.81	10.00
4906	Red Ribbon Scratch Feed, -----	Thomas K. George, Homer City,	10.07	10.13	10.00
	PRAIRIE STATE MILLING CO., CHICAGO, ILL.				
5137	Early Egg Scratch Feed, -----	Rice Feed Co., Pittsburgh,	10.81	10.13	9.00
	PRATT FOOD COMPANY, PHILADELPHIA, PA.				
5344	Pratts Circle A Large Scratch Feed, --	D. J. Turner, Clarksville,	9.67	10.00	10.00
5900	Pratts Utility Scratch Feed, -----	G. Bostert & Sons, Johnstown,	11.53	11.75	10.00
5784	Pratts Utility Scratch Feed, -----	Jefferson Grain & Feed Co., Jefferson,	12.01	10.06	10.00
	THE QUAKER OATS CO., CHICAGO, ILL.				
5579	Early Bird Scratch Grains, -----	A. F. Gault, Bentleyville,	9.70	10.94	9.50
5870	Early Bird Scratch Grains, -----	J. J. Kennedy & Sons Zelenople,	11.83	10.50	9.50
5793	Early Bird Scratch Grains, -----	J. K. Lawson, Washington.	11.85	10.88	9.50
5316	Early Bird Scratch Grains, -----	Marianna Mercantile Co., Marianna,	10.87	10.31	9.50
5794	Quaker Ful-O-Pep Coarse Chick Feed, --	J. K. Lawson, Washington,	11.69	11.94	10.00
5469	Quaker Ful-O-Pep Scratch Grains, ----	Z. L. Brothers, Ebensburg,	11.40	11.38	9.00
5242	Quaker Ful-O-Pep Scratch Grains, ----	Adam Diehl & Sons, Pittsburgh,	9.43	9.63	9.00
5632	Quaker Ful-O-Pep Scratch Grains, ----	E. J. Grimes & Son, Susquehanna,	12.54	10.69	10.00
5791	Quaker Ful-O-Pep Scratch Grains, ----	J. K. Lawson, Washington,	12.17	10.44	9.00
4940	Schumacher Little Chick Feed, -----	Ash Brothers, Briar Creek,	6.64	11.31	10.00
5477	Schumacher Little Chick Feed, -----	J. W. Herman, Beaver Springs,	11.34	10.75	10.00
5877	Schumacher Scratch Grains, -----	J. J. Kennedy & Son, Zelenople,	12.23	10.63	10.00
5792	Schumacher Scratch Grains, -----	J. K. Lawson, Washington,	12.17	11.00	10.00
	RALSTON PURINA CO., INC., ST. LOUIS, MO.				
5116	Purina Baby Chick Chow, -----	P. D. Snabely, Bedford,	11.29	10.94	10.00
5327	Purina Hen Chow Feed, -----	Fred Lemont, Philadelphia,	11.97	10.06	10.00
4896	Purina Hen Chow Feed, -----	C. J. Miller, Calcium,	9.37	10.19	10.00
5119	Purina Hen Chow Feed, -----	P. D. Snabely, Bedford,	9.66	10.50	10.00
5786	Purina Hen Chow Feed, -----	Western Flour Co., Monongahela,	12.10	10.44	10.00
4967	Purina Pigeon Chow Feed, -----	M. C. Deitz & Son, Mechanicsburg,	9.02	15.38	14.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
2.93	1.50	2.25	5.00	3.50	Cracked corn, hulled barley, wheat, buckwheat, oats, Kaffir corn and milo maize.	As certified, -----	5712
3.20	2.00	1.64	5.00	3.15	Cracked corn, wheat, oats, Kaffir corn, milo and whole millet seed.	As certified, -----	4929
3.74	1.50	2.63	5.00	2.75	Cracked corn, wheat, buckwheat, barley, oats, Kaffir corn, milo maize, sunflower seed.	As certified, -----	4906
3.28	2.50	2.47	5.00	50.00	Wheat, sifted cracked corn, barley, Kaffir corn and buckwheat.	As certified, -----	5237
2.77	2.50	2.70	5.00	52.00	Wheat, barley, cracked corn, milo, Kaffir, buckwheat, sunflower seed.	Found also oats, ----	5344
2.60	2.50	2.21	5.00	55.00	Wheat, barley, cracked corn, milo, Kaffir, buckwheat and oats.	As certified, -----	5900
2.77	2.50	2.15	5.00	57.50		As certified, -----	5784
3.16	2.00	3.10	3.50	56.00	Cracked corn, whole barley, whole wheat, whole Kaffir corn, whole milo maize, buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	5579
2.94	2.00	2.16	3.50	2.75		Found also oats, ----	5879
3.36	2.00	2.70	3.50	55.00		Found also oats, ----	5793
3.76	2.00	2.94	3.50	48.00		Found also oats, ----	5316
3.36	2.00	2.47	2.50	61.00	Cracked corn, whole wheat, whole milo maize, whole Kaffir corn, oat groats, buckwheat.	As certified, -----	5794
3.09	2.00	2.44	3.50	3.00	Cracked corn, whole barley, whole wheat, whole Kaffir corn, whole milo maize, buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	As certified, -----	5469
3.57	2.00	2.62	3.50	60.00		As certified, -----	5242
2.90	2.00	2.58	3.50	2.80		Found also oats, ----	5632
2.98	2.00	2.05	3.50	60.00		As certified, -----	5791
3.19	2.00	1.94	2.00	3.90	Cracked corn, cracked wheat, cracked Kaffir corn, cracked milo maize, cut oat groats and millet seed.	As certified, -----	4940
2.84	2.00	2.07	2.00	3.50		As certified, -----	5477
3.47	2.00	2.61	3.50	3.00	Cracked corn, whole barley, whole wheat, whole Kaffir corn, whole milo maize, buckwheat, $\frac{1}{2}$ of 1% sunflower seed.	Found also whole oats, -----	5877
3.31	2.00	2.43	3.50	58.00		As certified, -----	5792
2.32	2.00	2.00	4.00	3.35	Wheat, corn, Kaffir, milo and millet.	As certified, -----	5116
3.76	2.50	2.77	4.00	45.90	Wheat, corn, barley, Kaffir, milo, buckwheat and sunflower seed.	As certified, -----	5327
3.32	2.50	2.67	4.00	2.60		As certified, -----	4896
3.49	2.50	2.91	4.00	2.80		As certified, -----	5119
4.02	2.50	2.89	4.00	65.00		As certified, -----	5783
2.66	2.00	2.94	4.00	-----	-----	Wheat, Kaffir corn, peas, millet seed,	4967

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5511	GEO. L. REED MILLING CO., BROOKVILLE, PA. Big Hen Scratch Feed, -----	Geo. L. Reed Milling Co., Brookville,	11.36	10.81	9.00
5430	THE RICHARDS & EVANS COM- PANY, CORTLAND, OHIO Cortland Scratch Grains, -----	A. D. Davenport, Mead- ville,	10.98	9.44	9.00
5756	D. A. STICKELL & SONS, INC., HAGERSTOWN, MD. Blue Ridge Scratch Grains, -----	J. M. Kershman, Shoemak- ersville,	12.64	10.44	10.00
5896	SWOPE BROTHERS, JOHNSTOWN, PA. Cambria Chicken Feed, -----	Swope Brothers, Johns- town,	12.71	10.81	10.00
5897	Excelsior Chicken Feed, -----	Swope Brothers, Johns- town,	12.43	10.44	8.00
5631	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y. Neverfail Scratch Grains, -----	E. J. Grimes & Son, Sus- quehanna,	11.58	11.63	9.00
5165	Tioga Chick Grains, -----	Floyd Vandervort, Lacey- ville,	10.22	11.56	10.00
5423	UBIKO MILLING CO., CINCINNATI, OHIO Sunset Scratch Feed, -----	A. M. Pitzer & Son, New Wilmington,	11.47	9.75	10.00
5860	Wildcat Scratch Feed, -----	Milroy Grain & Supply Co., Milroy,	12.23	10.19	10.00
5374	WASHBURN-CROSBY CO., MINNE- APOLIS, MINN. North Star Scratch Feed (No Grit), ---	Feiring & Heffner, Lyons Station,	9.66	10.63	10.00
5939	WILLIAMS BROTHERS PORT MA- TILDA, PA. O. K. Scratch Grains, -----	Williams Brothers, Port Matilda,	13.11	9.88	10.00
<u>MASH FEED</u>					
5905	THE AKRON FEED & MILLING CO., AKRON, OHIO Ohio Laying Mash, -----	J. B. Hayward & Son, Menongahela,	10.17	17.38	18.00
5881	Ohio Laying Mash, -----	H. J. Mulhanney & Son, DuBois,	10.21	19.88	18.00
5004	Portage Laying Mash (With Butter- milk)	A. S. Bowser, Kittanning,	8.91	19.13	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
3.03	2.50	2.01	5.00	2.55	Cracked corn, barley, milo maize, buckwheat.	Found also wheat and oats,	5511
2.93	2.50	1.82	6.00	2.25	Wheat, cracked corn, barley, buckwheat and milo maize.	As certified, -----	5430
3.35	2.50	2.53	5.00	3.10	Wheat, buckwheat, barley, milo maize, Indian corn, Kaffir corn, sunflower seed.	As certified, -----	5756
3.27	2.50	2.59	5.00	53.00	Cracked corn, wheat, barley, milo maize and buckwheat.	Found also oats, ----	5896
2.84	2.00	2.25	5.00	54.00	Corn, Kaffir corn, buckwheat, wheat, oats, barley, sunflower seed, milo maize.	As certified, -----	5897
3.04	1.50	3.81	5.00	2.80	Split green peas, wheat, buckwheat, barley, cracked corn, sunflower seed.	Found also oats, ----	5631
4.46	3.00	1.35	3.50	66.00	Oat meal, cracked wheat, cracked corn.	As certified, -----	5165
3.60	2.50	2.23	5.00	2.50	Corn, wheat, barley, buckwheat, Kaffir corn and sunflower seed.	Found also oats, ----	5423
3.92	2.50	2.43	5.00	3.00	Corn, wheat, barley, oats, Kaffir corn and sunflower seed.	As certified, -----	5860
2.51	2.50	2.19	5.00	2.50	Cracked corn, wheat, buckwheat, barley, sunflower, $\frac{1}{2}$ of 1% Kaffir and milo.	As certified, -----	5374
3.12	2.50	2.76	5.00	2.80	Cracked corn, wheat, oats, barley, buckwheat and sunflower seed.	Sunflower seed not detected,	5939
3.65	4.00	6.57	10.00	52.00	Wheat middlings, ground oats, wheat bran, alfalfa meal, hominy, corn gluten feed, linseed oil meal, granulated meat meal, buttermilk, $\frac{1}{2}$ of 1% calcium carbonate and salt.	Found also cocoanut oil meal,	5395
4.75	4.00	6.00	10.00	3.00		Found also bone and cottonseed meal,	5881
4.56	4.00	6.44	9.00	3.40	Dried buttermilk, oat middlings, oat flour, granulated meat meal, wheat middlings, wheat bran, alfalfa flour, corn feed meal.	Found also cocoanut oil meal and bone.	5004

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	AMERICAN MILLING CO., PEORIA, ILL.		%	%	%
5854	Amco Egg Mash, -----	Luzerne County Cooperative Association, Inc., Wilkes-Barre,	10.23	19.88	20.00
5886	Amco Egg Mash, -----	E. E. Potts, Big Run,	10.32	19.88	20.00
5228	Amco Egg Mash, -----	S. S. Wetzel, Marion Center,	7.64	20.31	20.00
5612	Amco Growing Mash with Meat Scraps,	Grant Pearce, Home,	9.82	20.13	19.00
5613	Amco Growing Mash with Meat Scraps,	Grant Pearce, Home,	10.76	19.81	19.00
5227	Amco Starting and Growing Mash with Dried Buttermilk,	S. S. Wetzel, Marion Center,	8.60	18.56	17.00
	ARCADY FARMS MILLING CO., CHICAGO, ILL.				
4848	Best Bet Laying Mash with Buttermilk,	W. W. Kalb, Sunbury,	7.52	20.44	20.00
5122	Wonder Growing Mash, -----	Dayton Milling Co., Towanda,	8.82	15.63	16.00
5123	Wonder Laying Mash, -----	Dayton Milling Co., Towanda,	7.90	20.94	20.00
5121	Wonder Starting Mash, -----	Dayton Milling Co., Towanda,	9.08	16.13	13.00
	J. J. BADENOCH COMPANY, CHICAGO, ILL.				
4979	Egg-A-Day Dry Mash, -----	Jas. McNelis, Hastings,	7.30	21.63	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.35	4.00	4.70	7.00	3.15	Meat scrap, wheat flour middlings, fine ground oats, corn meal, wheat standard middlings, wheat standard bran, salt.	As certified, -----	5854
5.01	4.00	5.50	7.00	3.25		Found also small amount ground grain screenings.	5886
5.99	4.00	5.13	7.00	2.60	Meat scraps 50-60%, wheat flour middlings, fine ground oats, corn meal, wheat standard bran, salt.	Salt not detected, ----	5228
5.87	4.00	4.87	6.00	2.95		As certified, -----	5612
5.63	4.00	4.31	6.00	2.95		Salt not detected, ----	5613
5.20	3.50	4.69	6.00	3.20	Dried buttermilk, meat scraps, wheat flour middlings, fine ground oats, corn meal, wheat standard bran, bone meal—steamed, salt.	As certified, -----	5227
5.35	4.00	7.38	9.00	3.25	Meat scraps, dried buttermilk, oat meal, corn feed meal, corn gluten feed, alfalfa meal, O. P. linseed oil meal, wheat bran, wheat middlings, bone meal, calcium carbonate from limestone, $\frac{1}{2}$ of 1% salt.	As certified, -----	4848
4.53	4.00	7.65	7.00	68.00	Meat scraps, dried buttermilk, ground fish scrap, corn feed meal, oat meal, linseed oil meal, alfalfa meal, corn gluten feed, bone meal, wheat bran, wheat middlings, dried yeast, calcium carbonate from limestone.	As certified, -----	5122
5.13	4.50	7.89	8.00	67.00	Meat scraps, corn gluten feed, alfalfa meal, corn feed meal, O. P. linseed oil meal, bone meal, dried buttermilk, wheat bran, wheat middlings, calcium carbonate from limestone, $\frac{1}{2}$ of 1% salt.	Found also small amount ground screenings.	5123
4.88	3.50	4.14	5.00	89.00	Dried buttermilk, ground meat scraps, ground fish scraps, wheat middlings, wheat flour, corn meal, alfalfa meal, bone meal, O. P. linseed meal, ground oat groats, steel cut oat groats, dried yeast, calcium carbonate from limestone.	Found also barley and cottonseed meal	3121
5.33	4.50	6.17	7.00	3.75	Ground meat scraps, dried buttermilk, bone meal, fish meal, alfalfa meal, wheat bran, wheat middlings, corn feed meal, ground oats, ground barley, soya bean meal, old process linseed oil meal, corn gluten feed, calcium carbonate from limestone, salt.	As certified, -----	4979

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5099	Sunflower Egg Mash, -----	Geo. J. New's Sons, Blairsville,	9.22	20.50	20.00
4968	W. B. BARNITZ, CARLISLE, PA. Cumberland Laying Mash, -----	W. B. Barnitz, Carlisle,	7.27	17.81	18.00
4864	BELLEVILLE FLOUR MILLS CO., BELLEVILLE, PA. Blue Ribbon Dry Mash for Poultry, --	Reedsville Milling Co., Reedsville,	6.82	19.75	20.00
5401	BLANK & GOTTSCHALL CO., INC., SUNBURY, PA. B. & G. Baby Chick Feed with Buttermilk,	Honesdale Milling Co., Honesdale,	6.44	15.25	14.00
5398	B. & G. Laying Mash with Buttermilk,	Honesdale Milling Co., Honesdale,	7.46	19.69	18.00
5143	BROWN & FASSETT, TUNKHANNOCK, PA. Favorite Dry Mash, -----	Brown & Fassett, Tunkhannock,	8.25	18.38	18.00
5911	CHAMPION MILLING & GRAIN CO., CLINTON, IOWA. Penco Buttermilk 18% Egg Mash, ---	James A. Kase, Danville,	9.64	19.22	18.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.93	4.50	7.48	8.00	3.50	Ground meat scraps, dried buttermilk, bone meal, alfalfa meal, wheat bran, wheat middlings, corn feed meal, ground oats, ground barley, O. P. linseed oil meal, corn gluten feed, calcium carbonate (from limestone), salt.	Found also tankage,	5000
5.21	4.50	7.71	10.00	-----	Dried buttermilk, meat scrap, wheat bran, wheat middlings, ground clipped oats, ground corn, alfalfa meal, poultry bone meal, charcoal, calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, -----	4963
4.80	4.00	7.06	9.00	3.00	Wheat bran, wheat middlings, ground oats, ground corn, fine alfalfa meal, gluten feed, bone meal, fish meal, meat meal, powdered buttermilk, powdered charcoal and $\frac{3}{4}$ of 1% salt.	Found also ground oyster shell and cottonseed meal,	4864
4.28	4.00	4.62	4.00	80.00	Wheat bran, wheat middlings, corn meal, fine ground feed oat meal, muscovite (Mica Grit), powdered buttermilk, meat scrap, bone meal, granulated blood, linseed meal, potassium nitrate, fennugreek, iron sulphate, salt and charcoal, processed cod liver oil, carbonate of lime.	As certified, -----	5401
4.78	5.00	6.69	6.50	60.00	Corn feed meal, fine ground feeding oat meal, corn gluten feed, wheat bran, wheat middlings, alfalfa meal, linseed meal, meat scrap, charcoal, salt, calcium carbonate and powdered buttermilk.	As certified, -----	5398
5.23	5.00	8.43	9.00	55.00	Wheat bran, wheat middlings, corn meal, ground oats, beef scrap, alfalfa meal, gluten, oil meal, charcoal and salt, bone charcoal, calcium sulphate, calcium carbonate, calcium phosphate, potassium iodide.	As certified, -----	5143
5.44	5.00	7.18	5.00	3.25	Corn meal, 80% oat flour, standard wheat bran, flour middlings, alfalfa meal, beef scraps, dried buttermilk, calcium carbonate, salt.	As certified, -----	5011

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	CHAPIN & COMPANY, CHICAGO, ILL.		%	%	%
5677	Unicorn Egg Mash with Buttermilk, ---	J. C. Burns, Hughesville,	9.46	21.88	20.00
5547	Unicorn Egg Mash with Buttermilk, ---	Centre Milling Co., Philipsburg,	8.93	20.13	20.00
	G. E. CONKEY COMPANY, CLEVELAND, OHIO				
5462	Conkey's Buttermilk, Grain and Bone Growing Mash,	Z. L. Brothers, Ebensburg,	9.06	19.06	18.60
5461	Conkey's Buttermilk Grain and Bone Starting Feed,	Z. L. Brothers, Ebensburg,	10.42	14.19	14.00
5307	Conkey's Buttermilk, Grain and Bone Starting Feed,	J. B. Hayward & Son, Monongahela,	10.22	14.00	14.00
5779	Conkey's Buttermilk, Meat, Grain and Bone Laying Mash,	Donora Flour & Feed, Donora,	9.41	21.44	20.00
5012	Conkey's Buttermilk, Meat, Grain and Bone Laying Mash,	Latrobe Feed & Supply Co., Latrobe,	8.80	22.31	20.00
5463	Conkey's Greco Egg Mash, -----	Z. L. Brothers, Ebensburg,	9.93	20.31	20.00
	THE ALBERT DICKINSON CO., CHICAGO, ILL.				
5105	Dickinson's Globe All Mash Starting Rations,	Hudson & Kuhn, Greensburg,	9.73	16.06	15.00
5314	Dickinson's Globe Chick Starter with Dried Buttermilk,	W. R. Barnard, Bentleyville,	8.80	18.00	18.00
5107	Dickinson's Globe Chick Starter with Dried Buttermilk,	Hudson & Kuhn, Greensburg,	8.91	17.19	18.00
5204	Dickinson's Globe Chick Starter with Dried Buttermilk,	Stembler Brothers, East Mauch Chunk,	7.18	18.19	18.00
5007	Dickinson's Globe Egg Mash, -----	J. A. Gault Co., Kittanning,	8.36	20.13	20.00
5104	Dickinson's Globe Egg Mash, -----	Hudson & Kuhn, Greensburg,	9.21	19.75	20.00
5066	Dickinson's Globe Egg Mash, -----	C. B. Rutter, Lansford,	8.78	19.25	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.48	4.50	5.53	7.00	2.75	Corn feed meal, ground oats, corn gluten meal, wheat middlings, corn gluten feed, wheat bran, peanut oil meal, corn oil meal, salt, meat and bone meal, dried buttermilk, not over 5% calcium carbonate.	As certified, -----	5677
5.11	4.50	5.80	7.00	3.70		As certified, -----	5547
5.00	4.00	5.01	5.00	4.40	Buttermilk, wheat middlings, wheat bran, corn feed meal, ground barley, oat meal, bone and meat scrap, bean meal, oil meal and $\frac{3}{4}$ of 1% salt.	As certified, -----	5462
4.80	3.00	3.83	4.00	5.00	Oat meal, wheat middlings, corn meal, corn feed meal, raw bone, buttermilk, blood flour, meat meal and $\frac{1}{2}$ % salt.	As certified, -----	5461
4.89	3.00	3.13	4.00	83.00		As certified, -----	5307
5.23	5.00	4.69	6.00	73.00	Buttermilk, corn meal, corn feed meal, bean meal, wheat bran, wheat middlings, oil meal, bone and meat scraps.	As certified, -----	5779
6.31	5.00	4.43	6.00	3.50		As certified, -----	5012
5.08	5.00	4.86	7.00	3.50	Buttermilk, wheat bran, corn feed meal, wheat middlings, old process oil meal, alfalfa meal, meat scraps, bean meal, corn gluten feed, bone, calcium carbonate 1%, 1% salt.	As certified, -----	5463
5.07	4.00	3.96	4.50	4.00	Dried buttermilk, sifted meat scraps, yellow corn feed meal, oat flour, wheat middlings, alfalfa leaf meal, 2% calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, -----	5105
5.56	4.60	4.44	4.50	90.00	Dred buttermilk, sifted meat scraps, yellow corn feed meal, oat flour, wheat middlings, alfalfa leaf meal, 2% calcium carbonate and $\frac{1}{2}$ of 1% salt.	As certified, -----	5314
5.21	4.60	2.73	4.50	4.40	Dried buttermilk, sifted meat scraps, yellow corn feed meal, oat flour, wheat middlings, alfalfa leaf meal, bone meal, 2% calcium carbonate and $\frac{1}{2}$ of 1% salt.	As certified,* -----	5107
5.35	4.00	4.43	4.50	4.80		As certified, -----	5204
5.08	4.00	5.92	6.50	3.45	Fine ground meat scraps, corn gluten feed, linseed oil meal, wheat bran, wheat middlings, corn feed meal, fine ground alfalfa meal, 2% calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, -----	5007
4.61	4.00	7.26	6.50	3.30	Fine ground meat scraps, corn gluten feed, linseed oil meal, oat flour, wheat bran, wheat middlings, corn feed meal, fine ground alfalfa meal, 2% calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, -----	5104
4.93	4.00	6.23	6.50	3.50		As certified, -----	5066

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5562	Dickinson's Globe Egg Mash with Dried Buttermilk,	Fayette Feed Co., Fayette City,	9.28	20.13	20.00
5248	Dickinson's Globe Egg Mash with Dried Buttermilk,	Thomas Hammon, Pittsburgh,	2.18	19.69	20.00
5312	Dickinson's Globe Growing Mash with Buttermilk,	W. R. Barnard, Bentleyville,	9.37	18.25	18.00
5255	DIXIE MILLS COMPANY, EAST ST. LOUIS, ILL. Dixie Laying Mash, -----	Groh Brothers, Etna,	8.28	25.00	20.00
5326	Dixie Laying Mash, -----	Fred. Lemont, Philadelphia,	8.98	23.88	20.00
5945	DUFFEY & GLAZIER, WEBSTER MILLS, PA. Peerless Egg Mash, -----	Duffey & Glazier, Webster Mills,	9.67	20.75	20.00
5276	EZL. DUNWOODY COMPANY, PHILADELPHIA, PA. Special Mash Feed, -----	Ezl. Dunwoody Company, Philadelphia,	7.47	19.19	18.00
5320	EASTERN STATES FARMERS EXCHANGE, SPRINGFIELD, MASS. Eastern States Growing Mash, -----	T. W. Harris, East Waterford,	8.55	17.50	17.00
5023	ELLIS FLOUR & FEED MILLS, INDIANA, PA. Royal Egg Meat Mash, -----	Ellis Flour & Feed Mills, Indiana,	11.32	17.25	16.00
5446	EMLENTON MILLING CO., LTD., EMLENTON, PA. E. M. Company Egg Mash, -----	Emlenton Milling Co., Ltd., Emlenton,	8.04	19.69	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.67	4.00	5.88	6.00	72.00	Dried buttermilk, fine ground meat scraps, corn gluten feed, linseed oil meal, oat flour, wheat bran, wheat middlings, corn feed meal, fine ground alfalfa meal, 2% calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, -----	5562
4.92	4.00	5.70	6.00	75.00		As certified, -----	5248
5.94	4.00	4.38	5.50	85.00	Dried buttermilk, sifted meat scraps, yellow corn feed meal, oat flour, soy bean oil meal, wheat middlings, ground barley, alfalfa leaf meal, corn oil cake meal, bone meal, 2% calcium carbonate and $\frac{1}{2}$ of 1% salt.	As certified, -----	5312
5.86	4.00	5.11	6.00	65.00	Dried buttermilk, wheat bran, wheat middlings, linseed oil meal, corn gluten feed, corn feed meal, granulated meat, alfalfa meal, 1% salt, and 1% charcoal.	Found also bone and small amount ground grain screenings.	5255
5.65	4.00	6.36	6.00	64.00		As certified, -----	5326
6.38	6.00	4.50	8.50	3.50	Meat scraps, charcoal, salt, wheat middlings, wheat bran, ground oats, ground corn, powdered whole and skimmed milk, starch, sugar, calcium phosphate, anise, oxide iron, dried blood.	As certified, -----	5345
4.26	4.00	8.88	10.00	50.00	Wheat middlings, alfalfa meal, gluten feed, corn meal, beef scraps, fish meal and charcoal, linseed meal, ground oats, dried buttermilk.	As certified, -----	5276
5.58	4.00	5.36	6.00	3.45	# 2 yellow attrition corn meal, standard wheat bran, wheat flour middlings, ground oat groats, meat scraps 5%, alfalfa leaf meal, pure dried buttermilk, steamed bone meal, salt.	As certified, -----	5329
5.18	5.00	4.96	8.00	3.00	Wheat bran, wheat middlings, corn chop, ground oats, meat scraps, bone meal.	As certified, -----	5023
3.94	4.00	6.16	8.00	2.10	Wheat bran, wheat middlings, corn gluten feed, meat scraps, ground oats, unbolted corn meal and salt (not more than 1%).	Found also bone, ---	5446

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
5526	JOHN W. ESHELMAN & SONS, LANCASTER, PA. Eshelman's Growing Mash, -----	A. J. Kern, Slatington,	% 10.11	% 18.63	% 16.00
5924	Eshelman's Laying Mash, -----	The Mauser Mill Co., Pal- merton,	10.47	20.38	20.00
5377	FLORY MILLING CO., INC., BAN- GOR, PA. Golden Egg Laying Mash, -----	W. R. Bisbing, Tanners- ville,	7.91	17.50	18.00
5742	H. L. GARRISON & BROTHER, BERWICK, PA. Extra Quality Mash, -----	H. L. Garrison & Brother, Berwick,	10.15	18.00	17.00
5222	PETER GRAFF MILLING CO., WORTHINGTON, PA. Egg-A-Day Poultry Mash, -----	Peter Graff Milling Co., Worthington,	7.66	20.25	20.00
5735	D. H. GRANDIN MILLING CO., JAMESTOWN, N. Y. Grandin's Laying Mash with Butter- milk,	Ash Brothers, Briar Creek,	9.58	21.19	20.00
5619	HALES & HUNTER COMPANY, CHICAGO, ILL. Red Comb Egg Mash with Dried But- termilk,	Webster Flour Mills, Web- ster,	9.36	17.13	15.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.99	4.00	6.70	8.00	3.00	Wheat middlings, corn feed meal, meat scrap, fish scrap, wheat bran, corn gluten feed, ground oats, hominy feed, pure oat meal, O. P. oil meal, $\frac{1}{2}\%$ dried buttermilk, 1% alfalfa meal, $\frac{1}{2}\%$ salt.	Alfalfa not detected. Found also barley and trace hoof.	5526
5.95	5.00	5.88	7.00	3.35	Wheat middlings, corn feed meal, meat scrap, fish scrap, wheat bran, corn gluten feed, ground oats, hominy feed, O. P. oil meal, $\frac{1}{2}\%$ dried buttermilk, 1% alfalfa meal, $\frac{1}{2}\%$ salt.	As certified, -----	5924
4.73	4.00	6.58	8.00	3.00	Meat meal, O. P. oil meal, ground oats, alfalfa meal, wheat bran, corn gluten feed, corn feed meal, buttermilk, bone meal, calcium carbonate and salt.	Found also cottonseed meal.	5377
5.25	5.00	6.88	10.00	2.75	Wheat middlings, wheat bran, ground corn and oats, alfalfa meal and beef scraps, $\frac{1}{2}$ of 1% salt.	Found also bone, ---	5742
5.49	4.00	5.63	8.00	2.75	Wheat bran, wheat middlings, corn chop, oats chop, beef scraps, salt.	As certified, -----	5222
5.15	4.00	5.82	8.00	3.10	Ground fish, ground meat and bone, corn gluten feed, corn gluten meal, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, ground oats, ground scratch feed screenings—consisting of corn, wheat, barley, Kaffir corn, milo maize and buckwheat; powdered buttermilk, alfalfa meal, calcium carbonate and a small percentage of salt, wheat bran and wheat middlings may contain ground screenings not exceeding mill run.	As certified, -----	5735
5.06	4.00	4.98	6.00	3.75	Corn feed meal, oat flour, wheat bran, wheat middlings, corn gluten feed, meat scrap, alfalfa meal, dried buttermilk and not over 5% minerals, (calcium carbonate, rock phosphate, sodium chloride, steamed bone meal, granulated charcoal, iron sulphate, sulphur).	As certified, -----	5619

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5011	A. DALE HILL, VANDERGRIFT, PA. Best of All Egg Mash, -----	A. Dale Hill, Vandergrift,	8.55	19.94	20.00
5570	ILLINOIS FEED & ELEVATOR CO., BLOOMINGTON, ILL. Illinois Starting and Growing Mash, --	Carmichaels Milling Co., Carmichaels,	8.92	17.81	17.00
5831	THE KIESER MILLING CO., TOLEDO, OHIO Apex Laying Mash with Dried Butter- milk,	Youngsville Milling Co., Youngsville,	9.82	21.13	20.00
5299	LAKE SHORE ELEVATOR CO., CLEVELAND, OHIO Lake Shore Laying Mash, -----	J. Allen Williams, Cali- fornia,	8.24	20.13	20.00
5304	THE LARROWE MILLING CO., DETROIT, MICH. Larro Chick Starter, -----	J. B. Hayward & Son, Monongahela,	7.46	14.38	14.00
5822	Larro Egg Mash, -----	Wm. H. Dreibelbis, Shoe- makersville,	10.45	21.19	19.00
4917	Larro Egg Mash, -----	Hetrick & Wilson, Indiana,	8.51	20.70	19.00
4874	Larro Egg Mash, -----	J. N. Prosser, Bedford,	6.34	20.94	19.00
5049	Larro Egg Mash, -----	Horace R. Stroh, Ham- burg,	8.42	20.19	19.00
5821	Larro Growing Mash, -----	Wm. H. Dreibelbis, Shoe- makersville,	11.64	17.88	16.00
5594	LINESVILLE MILLING CO., LINES- VILLE, PA. Russell's Starting and Growing Mash with Dried Buttermilk,	Linesville Milling Co., Linesville,	9.18	17.19	16.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.38	5.00	8.27	10.00	3.25	Wheat bran and middlings with ground screenings not exceeding mill run, ground corn and oats, corn gluten feed, alfalfa meal, O. P. linseed oil meal, fish meal, meat meal, pure dried buttermilk, ground limestone and salt.	As certified, -----	5011
3.88	5.00	6.75	6.00	80.00	Soy bean meal, cod liver oil, pure dried buttermilk, granulated bone meal, oat flour, oat middlings, red dog flour middlings, standard middlings, corn feed meal, whole ground oats, calcium carbonate 2%.	Found also wheat bran.	5570
5.07	4.00	7.68	8.50	61.00	Wheat bran, wheat middlings, corn meal, O. P. linseed oil meal, corn gluten feed, ground oats, meat and bone scrap, fish meal, dried buttermilk, $\frac{3}{4}$ of 1% salt, alfalfa meal.	Found also barley and buckwheat.	5831
4.42	4.00	5.69	8.00	70.00	Buttermilk, cod liver oil, meat scraps, mineral bone, oil meal, corn meal, wheat bran, wheat middlings, charcoal, alfalfa leaf meal.	Mineral bone not detected. Found also ground oats, corn gluten feed and animal bone.	5299
5.06	4.50	6.77	6.50	83.00	Yellow hominy feed, fine ground feeding oat meal, standard wheat middlings, dried buttermilk, alfalfa meal, meat scrap and bone meal.	As certified, -----	5304
5.10	5.00	5.87	8.00	3.60	Fine ground feeding oat meal, standard wheat middlings, yellow hominy feed, meat scrap, standard wheat bran, dried buttermilk, alfalfa meal, bone meal, $\frac{3}{4}$ % salt, $\frac{3}{4}$ % calcium carbonate.	As certified, -----	5822
5.61	5.00	6.85	8.00	3.50		As certified, -----	4917
5.85	5.00	5.46	8.00	3.50		As certified, -----	4874
5.16	5.00	6.55	8.00	3.00		As certified, -----	5049
5.00	5.00	5.43	6.50	4.00	Yellow hominy feed, standard wheat middlings, fine ground feeding oat meal, standard wheat bran, meat scrap, dried buttermilk, alfalfa meal, bone meal, $\frac{1}{2}$ % salt, $\frac{1}{2}$ % calcium carbonate.	As certified, -----	5821
4.85	4.50	4.50	9.00	3.75	Oat meal, wheat flour middlings, wheat bran, standard middlings, corn meal, dried buttermilk, bone meal, meat meal, red dog flour, calcium carbonate, fine charcoal.	Calcium carbonate not detected. Found also cacao shell meal.	5504

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
	THE McMILLEN COMPANY, FORT WAYNE, IND.		%	%	%
5183	Universal Egg Mash with Dried Buttermilk,	Burnside Roller Mills, Kiepsier Brothers, Altoona, Burnside,	8.04	20.00	18.00
5056	Universal Egg Mash with Dried Buttermilk,		9.52	19.81	18.00
5357	Universal Egg Mash with Dried Buttermilk,	I. J. Rohrbaugh, Beech Creek,	9.26	18.59	18.00
5308	Universal Egg Mash with Dried Buttermilk,	E. F. Sphar & Co., Roscoe,	8.92	19.44	18.00
5161	Universal Egg Mash with Dried Buttermilk,	Floyd Vandervort, Laceyville,	9.61	17.88	18.00
5292	Wayne Chick Starter with Dried Buttermilk,	Wm. Carroll & Son, Bag-galey,	8.75	18.56	17.00
5134	Wayne Chick Starter with Dried Buttermilk,	Cochran-ton Cooperative Association, Cochran-ton,	9.10	17.50	17.00
5380	Wayne Chick Starter with Dried Buttermilk,	Chester Pollock, Alexandria,	9.13	17.56	17.00
5300	Wayne Chick Starter with Dried Buttermilk,	E. F. Sphar & Co., Roscoe,	8.96	17.56	17.00
5366	Wayne Chick Starter with Dried Buttermilk,	E. E. Wentz, Lock Haven,	9.68	17.81	17.00
5750	Wayne Crate Fattener, -----	P. E. Bingaman & Sons, Selinsgrove,	9.33	17.00	15.50
5952	Wayne Crate Fattener, -----	Cochran-ton Cooperative Association, Cochran-ton,	10.05	17.56	15.50
5842	Wayne Crate Fattener, -----	Milroy Grain & Supply Co., Milroy,	10.54	16.00	15.50
5291	Wayne Growing Mash with Dried Buttermilk,	Wm. Carroll & Son, Bag-galey,	8.10	17.66	17.00
5843	Wayne Growing Mash with Dried Buttermilk,	Milroy Grain & Supply Co., Milroy,	10.23	18.00	17.00
5515	THE MAHONING VALLEY MILLING CO., PUNXSUTAWNEY, PA. Mahoning Egg Maker Laying Mash, --	The Mahoning Valley Mil-ling Co., Punxsutawney,	8.83	19.69	18.00
5371	MARITIME MILLING CO., INC., BUFFALO, N. Y. Bull Brand Growing Mash with Dried Buttermilk,	Stephen E. Seidel, Ham-burg,	8.40	18.06	18.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.34	3.50	5.63	8.50	3.50	Dried buttermilk, meat meal, Menbaden fish meal, cocoanut oil meal, linseed oil meal, standard wheat middlings, wheat bran, corn feed meal, corn gluten feed, ground oats, alfalfa leaf meal, 2% calcium phosphate, 2% calcium carbonate, 1% salt.	As certified, -----	5183
4.35	3.50	5.02	8.50	3.80		As certified, -----	5056
4.32	3.50	5.24	8.50	3.00		Found also small amount of ground screenings and bone.	5357
5.14	3.50	5.43	8.50	60.00		As certified, -----	5308
4.41	3.50	4.61	8.50	58.00	Dried buttermilk, meat meal, cocoanut oil meal, linseed oil meal, wheat bran, wheat middlings, corn gluten feed, corn gluten meal, ground oats, alfalfa leaf meal, molasses, bone meal, $\frac{1}{2}$ of 1% salt.	As certified, -----	5161
4.74	4.00	4.15	6.00	4.00		As certified, -----	5292
4.50	4.00	5.24	6.00	72.00		As certified, -----	5134
4.68	4.00	5.14	6.00	4.00		Found also bone, ---	5380
5.19	4.00	5.94	6.00	80.00	phosphate, 2% calcium carbonate, 1% salt.	As certified, -----	5309
4.49	4.00	4.69	6.00	4.75		Found also bone, ---	5306
5.56	4.50	3.48	6.00	3.35	White hominy feed, rolled oats, fine ground feeding oat meal, ground oats, yellow corn meal, standard wheat middlings, wheat red dog flour, cocoanut oil meal, linseed oil meal, meat scraps, 1% bone meal.	As certified, -----	5750
5.40	4.50	4.02	6.00	60.00		As certified, -----	5952
4.85	4.50	3.64	6.00	3.25		As certified, -----	5842
4.76	4.00	4.98	6.00	4.00	Dried buttermilk, meat scraps, cocoanut oil meal, linseed oil meal, fine ground feeding oat meal, standard wheat middlings, wheat bran, corn feed meal, alfalfa leaf meal, 2% calcium phosphate, 2% calcium carbonate, 1% salt.	As certified, -----	5291
5.33	4.00	5.21	6.00	3.40		Found also small amount ground grain screenings.	5843
4.27	4.00	7.40	9.00	3.25	Linseed oil meal, fish meal, meat meal, bone meal, ground oats, ground corn, corn gluten feed, wheat bran, wheat midds, alfalfa meal, dried buttermilk, charcoal, calcium carbonate and salt.	As certified, -----	5518
5.33	5.00	6.28	7.00	3.25		As certified, -----	5371

TABLE III--ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5370	Bull Brand Laying Mash with Dried Buttermilk,	Stephen E. Sidel, Hamburg,	8.13	21.31	20.00
5323	M. D. MILLER, MINGOVILLE, PA. Hecla Buttermilk Laying Mash, -----	M. D. Miller, Mingoville,	10.16	19.06	18.00
5497	GEO. Q. MOON & COMPANY, INC., BINGHAMTON, N. Y. Moon's Laying Mash with Dried Buttermilk,	Jackson & Hortman, Hop Bottom,	8.38	20.44	20.00
5652	R. S. MOSELY & CO., BUFFALO, N. Y. Vita-Vim Starting and Growing Mash,	Keiser Feed Co., Grampian,	10.01	17.38	16.00
5405	MOSES BROTHERS CO., INC., EATON, N. Y. Cornell Ration for Laying Hens, ----	C. E. Bates, Honesdale,	8.74	19.56	18.00
5408	Moeo Laying Mash with Buttermilk,--	C. E. Bates, Honesdale,	9.03	20.75	19.00
5489	PAUL T. MOYER, WINFIELD, PA. Moyer's Laying Mash, -----	The Mifflinburg Farmers Exchange, Inc., Mifflinburg,	8.36	19.44	19.00
5665	MT. ROCK MILLING CO., LEWIS-TOWN, PA. Mt. Rock Poultry Mash (Growing), --	Mt. Rock Milling Co., Lewistown,	9.79	19.44	18.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.30	5.00	7.16	8.00	3.25	Dried buttermilk, O. P. linseed oil meal, wheat bran, wheat middlings, corn gluten feed, hominy feed, corn meal, ground oats, oat middlings, alfalfa meal, meat scrap, bone meal, fish meal, calcium carbonate, $\frac{1}{2}$ of 1% salt, wheat bran, wheat middlings may contain mill run of ground screenings.	As certified, -----	5370
6.68	5.00	8.63	9.00	-----	Ground oats, wheat bran, wheat middlings, meat scrap, ground corn, dried buttermilk, alfalfa meal, linseed meal, charcoal, calcium carbonate, salt.	Found also bone, ---	5323
5.63	4.00	6.13	9.00	2.50	Wheat bran with ground screenings not to exceed mill run, our make pure wheat white middlings, ground oats, fine ground pea green alfalfa meal, beef scrap, dried buttermilk, roller process corn meal, ground barley and ground buckwheat, calcium carbonate, calcium phosphate.	Buckwheat not detected. Found also linseed oil meal.	5497
4.97	5.50	4.73	4.50	4.00	Mosely's malted buttermilk, wheat flour middlings, wheat middlings, ground corn, wheat bran, ground oat meal, ground oat groats, hominy feed, meat scraps, alfalfa meal, calcium carbonate, salt and charcoal.	As certified, -----	5652
5.59	5.00	5.60	6.00	52.00	100 lbs. wheat bran, 100 lbs. wheat middlings, 100 lbs. corn meal, 100 lbs. ground oats and barley, 100 lbs meat scrap, 5 lbs salt.	As certified, -----	5405
4.48	4.00	5.86	7.00	60.00	Dried buttermilk, fish meal, wheat middlings, wheat bran, corn meal, steamed bone meal, alfalfa meal, meat scrap and salt.	As certified, -----	5408
4.84	5.00	7.59	8.00	2.85	Wheat bran, wheat middlings, ground corn, ground oats, gluten feed, alfalfa meal, linseed meal, meat scrap, fish meal, charcoal and one-half of one per cent salt.	As certified, -----	5489
5.53	4.00	5.43	8.00	3.35	Corn feed meal, dried buttermilk, meat scrap, linseed oil meal, soy bean oil meal, wheat bran, wheat middlings, ground oats, ground barley, fine alfalfa meal and salt.	Found also corn gluten feed and charcoal.	5663

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5664	Mt. Rock Poultry Mash (Laying), ----	Mt. Rock Milling Co., Lewistown,	9.41	18.94	18.00
5782	NOWAK MILLING CORPORATION, BUFFALO, N. Y. Domino Baby Chick Starter with Buttermilk,	Jefferson Grain & Feed Co., Jefferson,	10.92	22.44	20.00
5113	Domino Laying Mash with Buttermilk,	Farmers Supply Co., Saltsburg,	9.04	20.19	18.00
6758	Domino Laying Mash with Buttermilk,	Stoudt Milling Co., Shoemakersville,	11.57	18.75	18.00
4930	PARK & POLLARD CO., CHICAGO. ILL. Growing Feed, -----	Wm. McClenahan, Center Hall,	8.75	19.06	14.00
5713	Growing Feed, -----	Shamokin Milling Co., Shamokin,	14.62	15.63	14.00
4843	Lay or Bust Dry Mash, -----	E. Datesman & Son, Milton,	9.40	18.50	18.00
4995	Lay or Bust Dry Mash, -----	Eureka Roller Mills, Clarion,	10.88	17.13	18.00
5045	Lay or Bust Dry Mash, -----	F. E. Farabaugh, Patton,	4.59	21.63	18.00
5523	Lay or Bust Dry Mash, -----	Henry Gass Sons, Reading,	11.47	20.69	18.00
4905	Lay or Bust Dry Mash, -----	Thomas K. George, Homer City,	10.01	18.19	18.00
5306	Lay or Bust Dry Mash, -----	J. B. Hayward & Son, Monongahela,	10.93	19.13	18.00
4931	Lay or Bust Dry Mash, -----	Wm. McClenahan, Center Hall,	8.78	18.06	18.00
5923	Lay or Bust Dry Mash, -----	The Mauser Mill Co., Palmerton,	11.11	17.19	18.00
5711	Lay or Bust Dry Mash, -----	Shamokin Milling Co., Shamokin,	13.30	17.19	18.00
4989	Lay or Bust Dry Mash, -----	Union Roller Mills, Hamburg,	9.51	18.13	18.00
5618	Lay or Bust Dry Mash, -----	Webster Flour Mills, Webster,	15.86	17.44	18.00
5443	PRATT FOOD COMPANY, PHILADELPHIA, PA. Pratt's Baby Chick Food with Buttermilk,	A. J. Maloney, Meadville,	7.27	12.19	11.50
5898	Pratt's Supreme Growing Mash with Buttermilk,	G. Bostert & Sons, Johnstown,	10.00	18.88	17.50
5005	Pratt's Supreme Growing Mash with Buttermilk,	Farmers Supply Co., Saltsburg,	9.51	18.56	17.50
5907	Pratt's Supreme Growing Mash with Buttermilk,	A. S. Heller & Son, Stroudsburg,	10.08	18.06	17.50
5716	Pratt's Supreme Growing Mash with Buttermilk,	The Hex Milling Co., Shamokin,	9.37	19.56	17.50

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.41	4.00	6.10	8.00	3.30	Corn feed meal, dried buttermilk, meat scraps, linseed oil meal, soy bean oil meal, wheat bran, wheat middlings, ground oats, ground barley, fine alfalfa meal and salt.	Found also corn gluten feed and charcoal.	5664
4.72	4.50	5.83	6.00	82.00	Linseed oil meal, corn feed meal, wheat bran, ground oats, oat flour, wheat flour middlings, meat scrap and buttermilk.	As certified, -----	5782
4.61	3.50	5.68	7.00	3.50	Wheat bran, wheat middlings, corn gluten feed, linseed oil meal, ground oats, wheat red dog flour, bone meal, corn feed meal, meat scraps and dried buttermilk.	As certified, -----	5113
3.33	3.50	5.22	7.00	3.60		As certified, -----	5758
4.50	1.50	5.63	8.00	3.75	Ground corn, wheat, oats, alfalfa, barley, meat and bone meal, wheat bran with mill run of screenings, wheat midds, calcium carbonate, salt and dried buttermilk.	Found also wild oats and ground Kafir corn,	4930
2.50	1.50	5.51	8.00	3.50		As certified, -----	5713
4.19	1.50	7.08	10.00	3.35	Ground corn, wheat, oats, barley, Kafir corn, buckwheat, alfalfa, fish, meat, bone, wheat bran with mill run of screenings, wheat middlings, calcium carbonate, salt and dried buttermilk.	As certified, -----	4843
3.79	1.50	5.39	10.00	3.60		Meat identified as tankage. Found also ground wild oats	4905
3.90	1.50	6.53	10.00	3.80		Meat identified as tankage.	5945
2.95	1.50	6.22	10.00	3.00		As certified, -----	5522
4.99	1.50	6.32	10.00	3.50		As certified, -----	4905
2.70	1.50	6.05	10.00	63.00		As certified, -----	5306
4.47	1.50	6.29	10.00	3.25		Found also ground wild oats,	4931
4.00	1.50	6.25	10.00	3.50		Found also tankage	5923
3.11	1.50	5.26	10.00	3.50		As certified, -----	5711
4.44	1.50	6.05	10.00	3.25		Meat identified as tankage. Found also ground wild oats	4919
2.32	1.50	5.15	10.00	3.60		As certified, -----	5618
4.32	3.50	3.08	3.80	4.75	Dried buttermilk, corn meal, wheat middlings, oat meal, cooked wheat, bone meal, millet, rape and epsom salts.	As certified, -----	5443
5.12	4.50	4.18	7.00	65.00	Dried buttermilk, corn meal, oat meal, wheat middlings, wheat bran, meat scrap, bone meal, fish meal.	As certified, -----	5893
5.13	4.50	5.31	7.00	3.60		As certified, -----	5005
5.30	4.50	4.60	7.00	4.00		As certified, -----	5907
5.74	4.50	4.05	7.00	4.00		As certified, -----	5716

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5906	Pratt's Supreme Laying Mash with Buttermilk,	A. S. Heller & Son, Stroudsburg,	9.81	22.63	22.00
5030	Pratt's Supreme Laying Mash with Buttermilk,	W. H. Manbeck & Co., Mifflin,	9.40	20.50	22.00
5859	Pratt's Supreme Laying Mash with Buttermilk,	Pennsylvania Warehousing & Safe Deposit Co., Philadelphia,	9.74	22.06	22.00
5416	Pratt's Supreme Laying Mash with Buttermilk,	Peter Shaffer & Son, New Brighton,	9.32	22.19	22.00
5587	Pratt's Supreme Laying Mash with Buttermilk,	Edgar J. Stouffer, Huntingdon,	8.21	22.66	22.00
5899	Pratt's Victory Laying Mash with Buttermilk,	G. Bostert & Sons, Johnstown,	9.69	19.94	20.00
5606	Pratt's Victory Laying Mash with Buttermilk,	Farmers Supply Co., Saltsburg,	9.00	20.00	20.00
5717	Pratt's Victory Laying Mash with Buttermilk,	The Hex Milling Co., Shamokin,	9.50	20.69	20.00
5780	Pratt's Victory Laying Mash with Buttermilk,	Jefferson Grain & Feed Co., Jefferson,	9.15	21.19	20.00
5902	Pratt's Victory Laying Mash with Buttermilk,	Kresge & Mattern, Lehigh-ton,	9.74	21.38	20.00
5035	Pratt's Victory Laying Mash with Buttermilk,	Evan H. McBroom, Derry,	8.09	20.00	20.00
5035	PRESTONS, INC., CANTON, PA. Prestons Egg Producer, -----	Prestons, Inc., Canton,	10.08	19.75	20.00
5597	THE QUAKER OATS CO., CHICAGO, ILL. Quaker Full-O-Pep Chick Starter, ----	H. O. Andrews & Sons, Mapleton Depot,	7.48	16.25	15.00
4939	Quaker Full-O-Pep Chick Starter, ----	Ash Brothers, Briar Creek,	4.26	15.94	15.00
5059	Quaker Full-O-Pep Egg Mash, -----	Altoona Feed Mills, Altoona,	7.15	19.25	20.00
5903	Quaker Full-O-Pep Egg Mash, -----	A. S. Heller & Son, Stroudsburg,	9.13	20.50	20.00
5415	Quaker Full-O-Pep Egg Mash, -----	Peter Shaffer & Sons, New Brighton,	8.96	19.25	20.00
4910	Quaker Full-O-Pep Egg Mash, -----	Star Milling Co., Clymer,	7.85	19.13	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
6.14	4.00	5.46	8.00	3.75	Dried buttermilk, oat meal, corn meal, O. P. linseed oil meal, wheat middlings, meat scrap, fish meal, wheat bran, alfalfa, salt $\frac{1}{2}$ of 1%.	As certified, -----	5906
6.25	4.00	6.82	8.00	3.50		Found also trace of tankage,	5030
5.68	4.00	4.82	8.00	-----		As certified, -----	5859
5.57	4.00	6.28	8.00	3.40	Dried buttermilk, oatmeal, corn meal, O. P. linseed oil meal, wheat middlings, meat scraps, corn feed meal, wheat bran, alfalfa, fish meal, $\frac{1}{2}$ of 1% salt.	As certified, -----	5416
5.14	4.00	5.25	8.00	4.00	Dried buttermilk, oat meal, corn meal, O. P. linseed oil meal, wheat middlings, meat scrap, wheat bran, alfalfa, fish meal, salt $\frac{1}{2}$ of 1%.	As certified, -----	5537
5.69	4.00	6.48	8.00	-----	Dried buttermilk, corn meal, ground oats, wheat bran, wheat middlings, fish meal, meat scrap, O. P. linseed oil meal, alfalfa meal, salt $\frac{1}{2}$ of 1%.	As certified, -----	5899
5.60	4.00	6.93	8.00	3.60	Dried buttermilk, corn meal, corn feed meal, wheat middlings, ground oats, wheat bran, fish meal, meat scraps, O. P. linseed oil meal, alfalfa, $\frac{1}{2}$ of 1% salt.	As certified, -----	5606
5.73	4.00	6.70	8.00	3.30	Dried buttermilk, corn meal, ground oats, wheat bran, wheat middlings, fish meal, meat scraps, O. P. linseed oil meal, alfalfa meal, salt $\frac{1}{2}$ of 1%.	As certified, -----	5717
5.87	4.00	6.50	8.00	65.00		As certified, -----	5730
5.78	4.00	6.59	8.00	3.50		As certified, -----	5902
5.66	4.00	7.78	8.00	3.60		Found also ground Kafir corn,	5095
6.95	6.00	6.60	8.00	46.00	Middlings, ground oats, bran, corn meal, meat scraps, charcoal, $\frac{1}{2}$ of 1% salt.	As certified, -----	5033
5.60	5.00	5.95	6.00	4.50	Oatmeal, hominy feed, yellow hominy feed, wheat bran, wheat middlings, bone meal, fish meal, cod liver meal, ground puffed wheat, alfalfa meal, cod liver oil, 2% calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, -----	5597
6.40	5.00	6.10	6.00	5.00		As certified, -----	4939
5.29	4.00	7.00	8.00	3.70	Oatmeal, hominy feed, yellow hominy feed, barley meal, linseed, wheat bran and wheat middlings (with ground wheat screenings not exceeding mill run), bone meal, meat scraps, fish meal, cod liver meal, alfalfa meal, 2% calcium carbonate, $\frac{1}{2}$ of 1% salt.	As certified, -----	5059
5.57	4.00	6.48	8.00	3.75		As certified, -----	5908
5.44	4.00	6.85	8.00	3.50		As certified, -----	5415
6.10	4.00	7.07	8.00	3.75		As certified, -----	4910

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5414	Quaker Full-O-Pep Growing Mash, ----	Peter Shaffer & Sons, New Brighton,	8.21	18.06	19.00
5653	QUISENBERRY FEED MANUFACTURING CO., BUFFALO, N. Y. Quisenberry Quality Starting Food with Buttermilk,	Keiser Feed Company, Grampion,	10.70	17.60	15.00
5726	Quisenberry Quality Starting Food with Buttermilk,	Wolfe & Huffman, Wat-sontown,	9.30	17.53	15.00
5602	RALSTON PURINA CO., INC., ST. LOUIS, MO. Purina Chicken Chowder, -----	Berger & Brother, Bern-ville,	8.92	19.31	19.00
4894	Purina Chicken Chowder, -----	Chas. E. Crotsley, Sal-tillo,	8.22	19.81	19.00
4903	Purina Chicken Chowder, -----	W. W. Feiek & Co., Kutz-town,	8.91	20.50	19.00
4897	Purina Chicken Chowder, -----	C. J. Miller, Calcium,	8.65	20.50	19.00
5787	Purina Chicken Chowder, -----	Western Flour Company, Monongahela,	10.48	20.06	19.00
5599	Purina Chicken Growena Feed, -----	Berger & Brother, Bern-ville,	8.51	17.31	18.00
5785	Purina Chicken Growena Feed, -----	Western Flour Co., Monon-gahela,	9.63	18.25	18.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.64	5.00	5.12	6.00	3.75	Oat meal, hominy feed, yellow hominy feed, barley meal, wheat bran and wheat middlings with ground wheat screenings not exceeding mill run, fish meal, cod liver meal, bone meal, meat scraps, ground puffed wheat, alfalfa meal, 2% calcium carbonate, $\frac{3}{4}$ of 1% salt.	As certified, -----	5414
4.83	4.00	4.65	6.00	4.50	Wheat middlings, corn meal, oat flour, meat and bone scrap, dried buttermilk, alfalfa meal, corn germ meal, bone meal, not less than 3% each wheat bran, O. P. oil meal, calcium carbonate, calcium phosphate, cod liver oil meal; not over 1% each iodized salt, charcoal, iron oxide, gentian, iron sulphate, magnesium sulphate and sodium by-carbonate.	Iron sulphate not detected,	5653
5.44	4.00	4.55	6.00	5.00	Wheat middlings, corn meal, oat flour, meat and bone scrap, dried buttermilk, alfalfa meal, corn germ meal, bone meal; not over 5% each wheat bran, O. P. oil meal, calcium carbonate, calcium phosphate, cod liver oil meal; not over 1% each iodized salt, charcoal, iron oxide, gentian, iron sulphate, magnesium sulphate and sodium bicarbonate.	Iron sulphate not detected,	5726
4.55	4.00	8.15	8.00	3.40	Wheat middlings, wheat bran, corn meal, corn germ meal, alfalfa flour, linseed meal, granulated meat, 1% bone meal, 1% salt, 1% charcoal.	As certified, -----	5602
5.03	4.00	8.07	8.00	3.75		As certified, -----	4804
4.98	4.00	7.51	8.00	3.50		As certified, -----	4903
5.16	4.00	8.21	8.00	3.25	Wheat middlings, wheat bran, gluten feed, corn meal, alfalfa leaf flour, linseed meal, granulated meat, charcoal, not over 1% salt.	As certified, -----	4897
4.33	4.00	7.69	8.00	72.00	Wheat middlings, wheat bran, corn meal, corn germ meal, alfalfa flour, linseed meal, granulated meat, 1% bone meal, 1% salt, 1% charcoal.	As certified, -----	5787
5.23	4.00	6.45	7.00	4.50	Dried buttermilk, oat middlings, wheat middlings, wheat bran, corn meal, alfalfa flour, wheat germ, linseed meal, granulated meat, cod liver oil, charcoal $\frac{1}{2}$ %, salt $\frac{1}{2}$ %, bone meal not over 1%.	As certified, -----	5399
5.36	4.00	6.09	7.00	90.00		As certified, -----	5785

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5444	Purina Chick Startena Feed, -----	A. J. Maloney, Meadville,	6.70	17.94	17.00
5115	Purina Chick Startena Feed, -----	P. D. Snabely, Bedford,	8.32	19.19	17.00
5610	RICHARDS & EVANS COMPANY, CORTLAND, OHIO Richard's Growing Mash, -----	R. W. Richards, Murraysville,	10.48	19.06	20.00
5609	Richard's Laying Mash, -----	R. W. Richards, Murraysville,	10.18	19.94	20.50
5798	Richard's Laying Mash, -----	Smith & Zahniser, Freeport,	11.31	18.13	20.50
5035	H. ROCKWELL & SON, CANTON, PA. Hen-O-La Dry Mash, -----	H. Rockwell & Son, Canton,	9.62	21.25	20.00
5789	ROSENBAUM BROTHERS, CHICAGO, ILL. Advance Egg Mash with Buttermilk, --	West Penn Feed & Milling Co., South Brownsville,	9.15	17.25	18.00
5196	Vitality Egg Mash, -----	H. J. Cohen, Lewistown,	7.96	19.88	20.00
5788	Vitality Egg Mash, -----	West Penn Feed & Milling Co., South Brownsville,	9.87	20.63	20.00
5528	RYDE & CO., CHICAGO, ILL. Have-To-Grow Chick Mash, -----	Saeger Milling Co., Allentown,	10.92	17.69	16.00
5527	Ryde's Chick Food, -----	Saeger Milling Co., Allentown,	12.09	15.13	14.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.36	4.00	6.02	6.50	5.00	Dried buttermilk, granulated meat, corn meal, wheat bran, oat middlings, alfalfa flour, wheat germ, wheat middlings, linseed meal, cod liver oil, 1% bone meal, $\frac{1}{2}\%$ charcoal, $\frac{1}{2}\%$ salt.	As certified, -----	5144
5.63	4.00	6.75	6.50	5.00	Dried buttermilk, oat meal, alfalfa leaf flour, corn meal, wheat bran, linseed meal, wheat middlings, granulated meat, $\frac{1}{2}$ of 1% charcoal, $\frac{1}{2}$ of 1% salt.	Found also wheat germs and alfalfa stem flour.	5115
5.10	3.00	4.61	6.90	4.00	Corn feed meal, wheat middlings, gluten feed, meat scraps, ground oat groats, bone meal, oil meal, crude milk albumin (from milk sugar), copra meal.	As certified, -----	5610
4.98	3.00	6.18	6.90	3.40	Corn feed meal, pure bran, gluten feed, digester tankage, meat scraps, ground oat shorts, fish meal, bone flour, oil meal, crude milk albumin (from milk sugar), alfalfa meal, copra meal.	As certified, -----	5609
5.00	3.00	6.16	6.90	3.15		As certified, -----	5793
6.97	5.50	7.79	9.00	55.00	Corn meal, wheat middlings, wheat bran, cod liver oil, ground oats, meat scraps, alfalfa meal, charcoal, salt.	As certified, -----	5035
5.33	4.00	5.08	8.00	62.00	Buttermilk, meat scraps, bone meal, oat meal, calcium carbonate, salt, wheat middlings, ground screenings, ground corn and corn feed meal.	As certified, -----	5789
4.68	4.00	7.00	8.00	4.00	Buttermilk, oat meal, meat scrap, bone meal, corn feed meal, wheat middlings, alfalfa meal and ground corn germ meal.	Found also small amount ground screenings.	5196
4.97	4.00	4.30	8.00	72.00	Buttermilk, oat meal, meat scraps, bone meal, corn feed meal, wheat middlings, alfalfa meal, corn germ meal, gluten feed and calcium carbonate.	As certified, -----	5788
4.24	4.00	4.06	5.00	3.40	Meat scraps, dried buttermilk, bone meal, oat flour, corn meal, wheat flour middlings, barley flour, alfalfa, cooked beans and salt.	Dried buttermilk not detected. Found also commercial milk albumin.	5528
4.03	4.00	3.80	3.50	4.35	Ground oat groats, dried buttermilk, meat scraps, bone meal, wheat flour middlings, corn meal, rape seed, millet seed, calcium carbonate, salt.	As certified, -----	5527

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
5217	Ryde's Startrite Chick Food, -----	Peter Graff Milling Co., Worthington,	8.96	15.56	14.00
5891	SWOPE BROTHERS, JOHNSTOWN, PA. Big Five Egg Mash, -----	Swope Brothers, Johns- town,	9.16	24.50	22.00
5892	Cackle Egg Mash, -----	Swope Brothers, Johns- town,	10.03	20.69	12.00
5164	TIOGA-EMPIRE FEED MILLS, INC., WAVERLY, N. Y. Chicatin, -----	Floyd Vandervort, Lacey- ville,	8.79	20.75	18.00
5673	Egatine, -----	Geo. H. Myers, Muncy Valley,	9.68	26.06	23.00
5451	Egatine, -----	W. E. Replogle, Wood- bury,	7.02	24.81	23.00
5643	Egatine, -----	Homer E. Spencer, Susque- hanna,	10.45	24.44	23.00
5704	Tioga Laying Food, -----	M. J. Kane, Montrose,	9.61	21.38	17.00
4961	THE UBIKO MILLING COMPANY, CINCINNATI, OHIO Ubiko Commercial Laying Mash, ----	Mack Brothers, Titusville,	8.71	18.75	18.00
5846	Ubiko Commercial Laying Mash, ----	Milroy Grain & Supply Co., Milroy,	9.44	21.06	20.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
5.34	4.00	3.12	3.50	4.50	Ground oat groats, dried buttermilk, meat scraps, bone meal, wheat flour middlings, corn meal, rape seed, millet seed, calcium carbonate, salt.	As certified, -----	5217
6.98	7.00	5.94	4.00	68.00	Wheat bran, corn feed meal, oat flour, wheat germs, beef scrap, alfalfa meal.	Found also bone, ----	5891
5.44	7.00	4.95	8.00	80.00	Wheat embryos, home-made wheat bran, corn feed meal, alfalfa meal, oat flour, gluten feed, dried buttermilk, beef scrap, fish meal, yeast, calcium carbonate and 1% salt.	Found also bone, ----	5892
4.66	3.00	4.31	6.00	72.00	Corn meal, wheat middlings hominy feed, corn gluten meal, powdered buttermilk, fish meal, meat and bone scrap, wheat bran, phosphate of lime 2½%.	As certified, -----	5164
4.79	2.50	4.49	6.00	2.75	Corn gluten meal, wheat middlings, corn meal, wheat bran, ground oats, meat and bone scrap, powdered buttermilk, phosphate of lime 2½%, fish meal.	As certified, -----	5673
2.55	2.50	4.56	6.00	3.60	-----	Corn gluten meal, wheat bran, and middlings, corn meal, ground oats, meat and bone scrap, powdered buttermilk, calcium phosphate, fish meal.	5451
3.62	2.50	4.75	6.00	3.75	Corn gluten meal, wheat middlings, corn meal, wheat bran, ground oats, meat and bone scrap, powdered buttermilk, phosphate of lime 2½%, fish meal.	As certified, -----	5643
5.12	2.50	4.97	6.00	57.00	Wheat middlings, corn gluten meal, corn meal, meat and bone scrap, phosphate of lime 2½%, fish meal, wheat bran.	As certified, -----	5704
6.04	4.00	6.39	7.00	56.00	Meat scrap, corn meal, hominy meal, ground oats, wheat bran, white wheat middlings, corn gluten feed, calcium carbonate and salt.	As certified, -----	4961
5.44	4.00	5.15	7.00	3.00	Meat scrap, corn meal, hominy meal, ground oats, wheat bran, white wheat middlings, corn gluten feed, calcium carbonate, salt and dried buttermilk.	Found also bone, ----	5846

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
5847	Ubiko Egg Mash with Buttermilk, ----	Milroy Grain & Supply Co., Milroy,	9.84	20.94	20.00
4960	Ubiko Growing Mash with Buttermilk,	Maek Brothers, Titusville,	8.68	17.31	15.00
5422	Ubiko Growing Mash with Buttermilk,	A. M. Pitzer & Son, New Wilmington,	9.89	15.75	15.00
4871	C. Y. WAGNER, BELLEFONTE, PA. Wagner's Poultry Mash, -----	C. Y. Wagner, Bellefonte,	6.32	23.69	21.00
5373	WASHBURN-CROSBY CO., MINNEAPOLIS, MINN. North Star Egg Mash, -----	Feiring & Hoffner, Lyons Station,	7.14	18.94	18.00
4886	THE WHITE MILLING CO., BLOOMSBURG, PA. Keystone Egg Producer Laying Mash,	The White Milling Co., Bloomsburg,	8.94	16.88	18.00
<u>ANIMAL BY-PRODUCTS</u>					
<u>MEAT AND BONE SCRAP</u>					
5556	THE AMERICAN AGRICULTURAL CHEMICAL CO., NEW YORK, N. Y. Big 50 Meat and Bone Scrap, -----	Franklin Feed & Supply Co., Franklin,	6.97	50.31	50.00
5166	Capital Meat and Bone Scrap, -----	Floyd Vandervort, Laeeyville,	7.21	44.56	45.00
5167	Protox Meat and Bone Scrap, -----	Floyd Vandervort, Laeeyville,	5.61	54.81	55.00
5486	BAUGH & SONS CO., PHILADELPHIA, PA. Baugh's Oldest Brand Meat and Bone Scrap,	The Mifflinburg Farmers Exchange, Inc., Mifflinburg,	6.28	51.88	50.00
4972	Duplex Pure Meat Meal, -----	W. B. Barnitz, Carlisle,	4.59	55.81	55.00
4885	THE BERG COMPANY, INC., PHILADELPHIA, PA. Berg's 3 Medal Poultry Meat and Bone Scrap,	The White Milling Co., Bloomsburg,	5.82	40.78	45.00
5218	JACOB DOLD PACKING CO., BUFFALO, N. Y. Dold's Quality Meat and Bone Scraps,	Peter Graff Milling Co., Worthington,	4.36	52.75	50.00

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
4.78	4.00	4.83	6.00	3.20	Meat scrap, bone meal, corn meal, wheat bran, white wheat middlings, whole ground oats, corn gluten feed, O. P. linseed meal, dried buttermilk, $\frac{1}{2}\%$ salt.	Found also accidental trace of cottonseed meal,	5847
4.87	4.00	3.39	6.00	75.00	Meat scrap, bone meal, corn meal, wheat bran, white middlings, ground oat groats, ground barley, O. P. linseed meal and dried buttermilk.	As certified, -----	4960
3.30	4.00	2.33	6.00	3.85		As certified, -----	5422
5.65	4.00	9.40	10.00	2.90	Corn and oats chop, bran, middlings, gluten feed, oil meal, ground alfalfa, beef scrap, charcoal, salt.	Found also bone and ground screenings,	4871
4.38	5.00	6.72	7.00	2.75	Wheat shorts, wheat red dog, pulverized white oats, wheat bran, corn gluten feed, alfalfa flour, sifted meat scraps, corn meal, linseed oil meal, calcium carbonate 2%, $\frac{1}{2}$ of 1% charcoal, $\frac{1}{2}$ of 1% salt.	As certified, -----	5373
3.78	4.00	7.10	6.00	3.50	Corn meal, alfalfa meal, oil meal, wheat middlings, wheat bran, beef scraps and buttermilk.	As certified, -----	4886
11.26	6.00	2.43	3.00	4.50	Meat and bone scraps.	As certified, -----	5556
10.38	6.00	2.64	3.00	80.00	Meat and bone scrap.	Found also trace of hoof,	5166
11.48	6.00	1.70	5.00	90.00	Meat and bone scrap.	As certified, -----	5167
12.17	10.00	2.77	3.00	4.00	-----	Meat and bone scrap,	5483
13.21	10.00	1.84	3.00	-----	-----	Meat meal, -----	4972
9.87	8.00	6.72	3.00	4.00	-----	Meat and bone scrap, cottonseed hulls, cacao shell meal, tankage and hoof meal,	4885
9.89	8.00	1.54	5.00	4.50	-----	Meat and bone scrap,	5218

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
			%	%	%
4840	FRITZ BROTHERS COMPANY, FORT WASHINGTON, PA. Fritz Brothers Quaker City Quality Brand Beef Scraps and Bone,	E. Datesman & Son, Milton,	5.10	50.25	50.00
5565	PITTSBURGH MELTING COMPANY, PITTSBURGH, PA. Steel City Meat and Bone Scrap, ----	Fayette Feed Co., Fayette City,	5.44	50.75	50.00
5723	PITTSBURGH PROVISION & PACKING CO., PITTSBURGH, PA. Keystone Brand Beef Scrap, -----	W. E. Custer, Milton,	5.88	51.25	50.00
5009	Keystone Brand Beef Scrap, -----	A. Dale Hill, Vandergrift,	6.20	51.69	50.00
5768	PUNXSUTAWNEY BEEF & PROVISION CO., PUNXSUTAWNEY, PA. Ground Hog Brand Meat Scraps, ----	Edinboro Cooperative Association, Edinboro,	7.81	43.94	40.00
4912	Ground Hog Brand Meat Scraps, ----	Edwards Brothers, Byer,	7.31	42.06	40-50
5283	READING BONE FERTILIZER CO., READING, PA. Reading Meat Meal, -----	Lewis O. Crouse, McConellsburg,	5.60	48.00	50.00
5944	Reading Meat Meal, -----	F. W. Smith, Fleming,	7.54	53.63	50.00
5155	SICKLER FERTILIZER WORKS, WILKES BARRE, PA. Sickler's Poultry Meat and Bone Scrap,	Brown & Fassett, Tunkhannock,	4.07	50.31	50.00
5727	Sickler's Poultry Meat and Bone Scrap,	Wolfe & Huffman, Watsonstown,	4.68	51.63	50.00
5495	JOHN T. STANLEY CO., INC., NEW YORK, N. Y. Stanley's Meat and Bone Scrap for Poultry,	E. J. Brecht, Hop Bottom,	5.07	44.56	45.00
4839	Stanley's Meat and Bone Scrap for Poultry,	E. Datesman & Son, Milton,	4.97	46.81	45.00
4994	S. STRUNZ & SON, INC., PITTSBURGH, PA. Moreggs Meat and Bone Scraps, -----	Eureka Roller Mills, Clarion,	4.73	49.69	50.00
5620	Moreggs Meat and Bone Scraps, -----	Webster Flour Mills, Webster,	6.17	49.50	50.00
4973	SWIFT & COMPANY, NEWARK, N. J. Swift's 55 Meat and Bone Scrap, ----	W. B. Barnitz, Carlisle,	5.95	56.05	55.00
5127	Swift's 55 Meat and Bone Scrap, ----	Dayton Milling Co., Towanda,	4.92	54.88	55.00
5743	Swift's 55 Meat and Bone Scrap, ----	H. L. Garrison & Brother, Berwick,	6.33	55.00	55.00
5109	Swift's 55 Meat and Bone Scrap, ----	Hudson & Kuhn, Greensburg,	5.33	56.25	55.00
5436	Swift's 55 Meat and Bone Scrap, ----	Titusville City Mills, Titusville,	4.61	54.56	55.00
4975	Swift's Laymore Meat and Bone Scraps,	W. B. Barnitz, Carlisle,	3.40	45.63	45.00
5169	THE VAN IDENSTINE CO., LONG ISLAND CITY, N. Y. Vico High Protein Meat Scraps for Poultry,	Blank & Gottshall Co., Inc., Sunbury,	5.74	55.00	55.00
5170	Vico Pure Meat Bone Scraps for Poultry,	Blank & Gottshall Co., Inc., Sunbury,	5.77	46.94	45.00
		Average, -----	5.64	50.32	-----

## FEEDING STUFFS COLLECTED IN 1927—Continued

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
14.79	10.00	1.31	2.00	80.00	-----	Beef and bone scrap,	4840
9.97	5.00	1.69	3.00	85.00	-----	Meat and bone scrap,	5565
13.55	3.00	1.00	3.00	4.50	-----	Beef scrap, -----	5723
13.37	3.00	1.68	3.00	4.50	-----	Beef scrap, -----	5009
12.23	8.00	1.41	4.00	85.00	-----	Meat scrap, -----	5763
11.43	8.10	1.54	2.5	3.50	-----	Meat scrap, -----	4912
15.27	10.00	2.07	1.00	4.15	-----	Meat meal, -----	5233
14.87	10.00	1.22	1.00	5.00	-----	Meat meal, -----	5944
13.92	10.00	0.84	3.00	90.00	Poultry meat and bone scrap.	As certified, -----	5155
12.86	10.00	1.30	3.00	4.50	-----	Meat and bone scrap,	5727
13.34	10.00	2.31	3.00	3.75	Meat and bone scrap.	As certified, -----	5495
10.99	10.00	2.39	3.00	80.00	-----	Meat and bone scrap,	4839
14.41	8.00	1.35	3.00	4.50	-----	Meat and bone scrap,	4994
13.18	8.00	1.81	3.00	4.50	-----	Meat and bone scrap,	5620
11.64	6.00	1.43	3.00	-----	-----	Meat and bone scrap,	4973
11.61	6.00	2.06	3.00	85.00	-----	Meat and bone scrap,	5127
11.43	6.00	2.19	3.00	4.50	-----	Meat and bone scrap,	5743
11.22	6.00	2.80	3.00	4.75	-----	Meat and bone scrap,	5109
11.80	6.00	3.12	3.00	100.00	-----	Meat and bone scrap,	5436
13.73	6.00	1.94	3.00	-----	-----	Meat and bone scrap,	4975
10.24	5.00	2.61	3.00	4.25	Animal products.	Meat scrap, -----	5169
8.54	5.00	3.17	3.00	3.75	Animal products.	Meat and bone scrap,	5170
12.16	-----	2.09	-----	86.08			

TABLE III—ANALYSES OF SAMPLES OF

Chemist's number	Name and Address of Manufacturer or Importer and Brand Name	Sampled From	Moisture	Protein	
				Found	Guaranteed
<u>TANKAGE</u>					
	BAUGH & SONS CO., PHILADELPHIA, PA.		%	%	%
5487	Baugh's 60% Digester Tankage, -----	The Mifflinburg Farmers Exchange, Inc., Mifflinburg,	7.12	60.00	60.00
5149	SWIFT & CO., CHICAGO, ILL. Swift's Digester Tankage, -----	Brown & Fassett, Tunkhannock,	5.72	60.44	60.00
5744	Swift's Digester Tankage, -----	H. L. Garrison & Brother, Berwick,	7.76	59.65	60.00
5108	Swift's Digester Tankage, -----	Hudson & Kuhn, Greensburg,	7.09	61.50	60.00
	THE VAN IDERSTINE CO., LONG ISLAND CITY, N. Y.				
5168	Vico Digester Tankage for Hogs, ----	Blank & Gottshall Co., Inc., Sunbury,	5.01	53.69	60.00
		Average, -----	6.54	59.06	-----
<u>POULTRY BONE</u>					
	JACOB DOLD PACKING CO., BUFFALO, N. Y.				
5765	Dold Quality Poultry Bone, -----	W. H. Parker, Waterford,	7.62	27.25	24.00
	INDEPENDENT MANUFACTURING CO., PHILADELPHIA, PA.				
5651	Independent's Bone Meal, -----	O. A. Allen, Alderson,	6.62	24.06	23.00
		Average, -----	7.12	25.65	-----

## FEEDING STUFFS COLLECTED IN 1927—Concluded

Fat		Fiber		Price per ton or cwt.	Certified Composition	Identified by Microscopical Examination	Chemist's number
Found	Guaranteed	Found	Guaranteed				
%	%	%	%	\$			
7.71	8.00	2.12	3.00	3.90	-----	Digester tankage, -----	5487
10.83	5.00	0.66	3.00	3.50	Tankage.	As certified, -----	5149
6.23	5.00	0.76	3.00	4.00	-----	Digester tankage, -----	5744
4.83	5.00	1.48	3.00	4.20	-----	Digester tankage, -----	5108
12.58	1.00	6.01	3.50	4.25	Animal products.	Digester tankage, -----	5163
8.44	-----	2.20	-----	79.40			
4.97	2.00	4.66	5.00	4.00	-----	Bone meal, -----	5765
0.26	-----	-----	-----	4.25	Bone meal.	As certified, -----	5651
2.62	-----	-----	-----	82.50			









